

Table S1: Metabolite expression was detected in the metabolome.

Metabolite ID	RT [min]	Molecular Weight	Formula	Name	Area_mean	Area[M5D-1]	Area[M5D-2]	Area[M5D-3]	Area[M5D-4]
356_325.080	6.356	325.08061	C8 H13 Cl F N	Midazolam	687232.4062	33485.27924	34709.9093	29204.91241	32317.86496
434_284.075	1.434	284.07521	C10 H12 N4 O	Xanthosine	2169163.367	2715234.229	4755982.785	1738991.427	2793013.023
178_456.233	6.178	456.23385	C25 H32 N2 O	Vindoline	2149624.607	375525.5702	120967.8803	420193.1245	296412.5385
86_137.0477	0.86	137.04773	C7 H7 N O2	Trigonelline	225870034.4	165725493.8	190311510.7	220987275.3	175753354
866_608.263	19.866	608.26327	C33 H40 N2 O	Reserpine	948234.5961	4751411.406	4480149.288	3293867.688	5760139.997
293_417.215	12.293	417.21517	C23 H31 N O	Protostemonine	5939395.588	8289658.82	10404377.19	9515088.32	10878627.7
93_129.0790	6.93	129.07902	C6 H11 N O2	Pipecolic acid	2794248.373	5469527.185	5996191.206	4380137.262	6195259.147
947_129.078	6.947	129.07865	C6 H11 N O2	Pipecolic acid	1015522.633	4936021.928	4610147.918	4650162.185	4061163.319
216_283.091	1.216	283.09115	C10 H13 N5 O	Isoguanosine	24274974.12	105620836	111583418.5	110646972.1	119081482.2
513_175.063	7.513	175.06348	C10 H9 N O2	Indole-3-acetic acid	711713.6028	41091.80164	52299.2439	84927.04883	104572.6917
151_303.135	1.151	303.13592	C19 H17 N3 O	Evodiamine	3563567.826	5495693.623	4740724.945	5899213.313	5986518.525
1042_190.110	4.042	190.11078	C11 H14 N2 O	Cytisine	1939765.757	70581.33666	82428.96985	70145.36949	91760.16436
484_251.101	2.484	251.10186	C10 H13 N5 O	Cordycepin	4819698.362	345041.2766	184360.7747	158552.7532	234165.649
369_194.080	4.869	194.08055	C8 H10 N4 O	Caffeine	329280.0908	62094.92638	64091.80357	56864.64056	60441.11357
203_321.099	1.203	321.09926	C19 H15 N O	Berberrubine	5497086	428354.4148	736416.5028	542832.6578	752356.7397
798_166.047	0.798	166.04761	C6 H6 N4 O2	7-Methylxanthine	220643284.9	502011300.4	407563226.6	493151750.6	429124017.5
304_210.073	0.804	210.0737	C8 H10 N4 O	1,3,7-Trimethyluric acid	124609979.2	223609786.6	139071222.9	209764829.9	152381939.1
306_341.162	5.806	341.16269	C20 H23 N O	(+)-Magnoflorine	2531872.354	36392.63445	40135.7359	28640.92044	23739.11776
198_704.390	7.198	704.39043	C43 H52 N4 O	Voacamine	1765998.913	93681.85307	126614.9538	83461.98853	111057.0352
649_313.163	1.649	313.1637	C19 H23 N O	Ethylmorphine	2989185.113	646115.5902	485293.7643	393860.5385	420151.413
591_321.266	16.591	321.26675	C20 H35 N O	α-Linolenoyl ethanolamide	76839027.24	44253184.85	33971960.16	34122862.15	48311969.95
314_137.084	1.314	137.0842	C8 H11 N O	Tyramine	2761510.63	8312298.038	10132208.6	6426996.468	8011961.605
753_301.237	18.753	301.23787	C20 H31 N O	Trihexyphenidyl	7009254.736	7854973.691	7000386.409	9856284.488	6165567.693
725_202.215	0.725	202.21599	C10 H26 N4	Spermine	3033488.762	242258.2188	317107.9944	271984.0245	187917.7151
725_145.158	0.725	145.15811	C7 H19 N3	Spermidine	42553045.42	15174492.96	15291137.29	13719682.54	22014464.71
199_226.095	2.199	226.09506	C10 H14 N2 O	Porphobilinogen	1651044.18	3858957.867	3022273.228	3030835.525	2978705.923
185_325.297	19.185	325.29786	C20 H39 N O	Oleoylethanolamide	21513765.52	4155273.294	2793461.671	3432585.595	4131814.942
749_323.282	17.749	323.28244	C20 H37 N O	Linoleoyl ethanolamide	120092270.1	58467633.69	47694374	47696777.87	68844542.58
999_301.240	12.999	301.24059	C20 H31 N O	Benzhexol	272092.3156	1178516.772	831796.2179	1080597.436	1329727.257
1012_457.157	6.012	457.15765	C20 H27 N O	Amygdalin	671580.9628	1150756.323	1224788.305	1164201.149	1111382.14
377_181.073	0.877	181.07398	C9 H11 N O3	L-Tyrosine	87645929.96	63697446.62	65714899.43	66961353.84	60352778.87
215_181.073	1.215	181.07381	C9 H11 N O3	L-Tyrosine	13797544.07	37458466.65	33293096.67	48650443.94	40761362.63

735_204.090	3.735	204.09004	11 H12 N2 O	L-Tryptophan	2957430990	300552242.1	239512848.8	320678392.2	235432746.5
885_129.042	0.885	129.04265	C5 H7 N O3	L-Pyroglutamic acid	1402697719	1963347357	1364582674	1079765950	1638738849
98_165.079	1.98	165.07912	C9 H11 N O2	L-Phenylalanine	2928101737	265480886	906621523.7	781748264.7	879149182.2
096_165.078	2.096	165.0789	C9 H11 N O2	L-Phenylalanine	565394637.4	453489727.3	363492322.5	451017461.8	354287754.2
905_131.094	0.905	131.09477	C6 H13 N O2	L-Isoleucine	108598669.6	158642751.3	173300832.3	135315584.3	166028635
763_155.069	0.763	155.06957	C6 H9 N3 O2	L-Histidine	21459101.98	5239841.927	5046738.516	5177317.167	6006032.326
752_155.069	0.752	155.06943	C6 H9 N3 O2	L-Histidine	27812643.2	36724223.53	15729856.05	18540197.48	11158809.68
041_180.042	1.041	180.04249	C9 H11 N O4	L-Dopa	8026797.809	12501028.63	21931152.94	9835214.433	13125269.06
102_121.019	3.102	121.01978	C3 H7 N O2 S	L-Cysteine	3964234.355	56609.12318	75607.9866	67111.85229	62319.56043
976_133.037	0.976	133.03746	C4 H7 N O4	L-Aspartic acid	82324936.6	16153980.53	24589293.25	14009814.88	28835198.27
762_133.037	0.762	133.03745	C4 H7 N O4	L-Aspartic acid	153031697	144539643.4	211895447.8	155128122.1	165109329.5
872_175.095	0.872	175.09574	C6 H13 N3 O	L-(+)-Citrulline	1546791381	4986292361	5164938516	3975885651	3974360501
94_157.0854	0.94	157.08544	C6 H14 N4 O	L-(+)-Arginine	269921889.3	545398844.1	554298729.4	488569210.7	502508121.8
153_149.051	1.153	149.05111	C5 H11 N O2 S	L-(-)-Methionine	338913234.9	89742343.37	91931231.29	79039464	91255818.08
928_147.053	0.928	147.05318	C5 H9 N O4	D-Glutamic acid	490176570.5	473276637.2	599969876.6	409466685.5	547043231.3
911_204.089	3.911	204.08963	11 H12 N2 O	D-(+)-Tryptophan	489042593	93616813.98	68245021.02	65672438.34	59927907.22
778_146.069	0.778	146.06907	C5 H10 N2 O	D-(-)-Glutamine	415774632	2214046738	2507735467	2363846922	2189913069
995_280.105	3.995	280.10589	C13 H16 N2 O	α -Aspartylphenylalanine	4635543.909	13498665.46	9301123.106	8361367.362	10509470.07
174_280.105	4.174	280.10538	C13 H16 N2 O	α -Aspartylphenylalanine	1959882.955	11554610.27	8902128.285	10062437.11	9632808.325
129_379.110	2.129	379.11094	C3 H21 N3 O8	S-Lactoylglutathione	1726675.003	6722315.035	6883509.611	6142401.049	5834834.734
765_159.126	4.765	159.12602	C8 H17 N O2	Pregabalin	288501.5719	146566.9102	132742.3781	114222.2689	91960.922
874_188.116	0.874	188.11613	C8 H16 N2 O	N- α -Acetyl-L-lysine	43066056.04	16817446.72	20239419.91	16404213.48	20770594.64
866_159.089	0.866	159.08957	C7 H13 N O3	N-Isovalerylglycine	8326468.217	4910525.605	8743696.773	7295017.635	5127113.521
452_317.194	5.452	317.19463	C19 H27 N O	Nateglinide	5796586.288	18480730.92	16461832.15	20715910.86	15893088.71
457_207.089	6.457	207.08929	C11 H13 N O	N-Acetyl-L-phenylalanine	3155936.75	41553.75285	55168.37635	29150.14399	45270.83625
855_246.099	6.855	246.09996	C13 H14 N2 O	N-Acetyl-DL-Tryptophan	851615.2527	175323.3316	151280.4377	115445.2258	138702.233
772_188.152	0.772	188.15286	C9 H20 N2 O6	6,N6,N6-Trimethyl-L-lysine	14670263.93	6137909.915	4947822.629	6148524.805	5938479.084
155_612.151	1.155	612.15155	H32 N6 O12	L-Glutathione oxidized	52631707.27	73533024.78	78323585.97	61270748.58	68422492.88
185_612.152	1.185	612.15293	H32 N6 O12	L-Glutathione oxidized	38877381.86	232999086.7	193535482.4	225443862.5	215788350.5
651_173.105	4.651	173.10516	C8 H15 N O3	Hexanoylglycine	398770.2117	231263.0732	169282.0124	321734.8445	112600.5088
876_188.116	2.876	188.11624	C8 H16 N2 O	Glycyl-L-leucine	10723777.05	34003130.83	20364829.4	28383912.05	17168506.39
202_188.115	3.202	188.11595	C8 H16 N2 O	Glycyl-L-leucine	10258474.46	50140004.72	20728799.23	47831128.57	18944284.65
272_171.126	6.272	171.12603	C9 H17 N O2	Gabapentin	11636299.69	6826521.794	7809742.243	6757570.162	5624335.334

47_131.0945	1.47	131.09458	C6 H13 N O2	DL-β-Leucine	25299386.05	95627232.76	126457750.1	110319925.3	85391995.12
143_201.136	7.143	201.1363	C10 H19 N O	Capryloylglycine	871565.7577	1090999.618	1007700.377	1465865.035	912137.594
292_294.121	2.292	294.12153	C4 H18 N2 O	Aspartame	4126606.006	3751186.104	8630686.492	3832502.337	3275341.34
291_131.058	1.291	131.05825	C5 H9 N O3	5-Aminolevulinic acid	2515779.898	5069978.012	4103335.924	5248674.599	3523262.197
379_145.073	0.879	145.07392	C6 H11 N O3	(Acetylamino)butanoic ac	28920007.63	24445128.96	29611465.88	22488355.98	19406314.04
415_145.073	1.415	145.07381	C6 H11 N O3	(Acetylamino)butanoic ac	6347814.052	5596853.912	5778920.184	5665423.505	5684804.075
394_181.073	2.394	181.07376	C9 H11 N O3	3-(4-hydroxyphenyl)propa	5640133.531	18800805.21	16371755.21	17027740.83	18678320.52
725_175.963	0.725	175.96324	C5 H8 N2 O	trboxycarbonyl]amino]-L-a	8299514.446	19679476.45	25482007.39	23628118.69	18490534.82
401_208.110	9.401	208.11007	C12 H16 O3	α-Asarone	905277.8742	17686984.78	1039767.338	45855734.13	26932452.29
921_168.042	4.921	168.04212	C8 H8 O4	Vanillic acid	1231601.019	661140.8673	614807.5746	521723.9456	642102.1555
892_241.204	12.892	241.20437	C16 H25 N O	Tramadol	5410701.186	5801911.151	5363128.501	5485559.494	4493134.223
3_138.0316	4.3	138.03165	C7 H6 O3	Salicylic acid	19460549.38	10587959.31	9387554.501	9690234.944	10107639.09
242_259.153	1.242	259.15328	C16 H21 N O	Propranolol	13346903.63	10840777.05	14603717.9	11868079.94	13508688.55
918_356.113	2.918	356.1137	C9 H20 N2 O	Pioglitazone	3270866.246	1113175.255	1355889.675	1427013.697	1383496.444
181_120.057	6.181	120.05753	C8 H8 O	Phenylacetaldehyde	728229.7211	649155.6439	861534.1067	489826.457	410006.5039
054_282.146	7.054	282.1462	C15 H22 O5	Octyl gallate	1365468.143	1483712.481	1317655.879	1270072.995	1249236.798
697_259.153	2.697	259.15326	C16 H21 N O	Norbutorphanol	18481120.8	15632210.1	29229560.79	50841102.4	18543145.25
304_295.058	0.804	295.05852	C2 H13 N3 O	4-Acetylsulfamethoxazol	12041453.58	563719.4337	1870818.646	429006.5299	1160527.485
322_428.232	15.322	428.23291	C25 H28 N6 O	Irbesartan	50367130.77	43218147.61	34455828.72	30250190.43	59044906.77
351_445.179	0.851	445.17944	C1 H27 N5 O4	Glipizide	91505008.6	1995666.495	1405636.376	1633178.919	1320196.865
458_371.236	14.458	371.23613	C25 H29 N3	Gentian violet	2283434.198	4927937.53	4483947.533	7031512.754	4555960.167
793_212.067	0.793	212.06786	C10 H12 O5	Gallic acid trimethyl ether	31647088.02	31631921.62	33136413.77	29912305.42	37432898.37
683_166.063	13.683	166.06314	C9 H10 O3	Ethyl paraben	70299224.2	65309354.93	238731206.2	92356723.26	100192184.6
358_198.052	0.858	198.05293	C9 H10 O5	Ethyl gallate	10138231.89	15920886.22	23801959.15	16151002.01	18668680.03
708_469.290	5.708	469.29016	C32 H39 N O	Ebastine	1380044.988	766840.045	534288.8459	375863.3346	569581.7414
702_287.163	6.702	287.16339	C21 H21 N	Cyproheptadine	827231.013	61835.37427	87720.64141	95260.21009	90025.39762
276_194.097	8.276	194.09742	C11 H14 O3	Butylparaben	3720947.723	1235655702	1590224685	1163193916	688396479.8
162_467.301	14.62	467.30134	C29 H41 N O	Buprenorphine	3819569.525	2790769.662	2354845.812	1766984.003	3952204.018
441_180.045	2.441	180.04568	C9 H8 O4	Acetylsalicylic acid	3324637.964	3440435.572	1552172.118	2946552.058	1981142.728
922_136.052	2.922	136.05261	C8 H8 O2	4-Methoxybenzaldehyde	22869584.7	866593.3005	407852.6248	900514.7732	553132.0081
24_138.0318	4.24	138.03189	C7 H6 O3	4-Hydroxybenzoic acid	14662978.37	1338237.843	1568885.382	1298690.479	1092372.311
683_194.094	13.683	194.09448	C11 H14 O3	4-Ethoxy ethylbenzoate	134429025.2	117136503.7	441052729.6	163956431.1	202359875.7
314_136.052	2.814	136.05261	C8 H8 O2	3-Methoxybenzaldehyde	23192183.02	968434.5025	598186.5608	936472.961	642359.4693

529_134.073	13.529	134.07319	C9 H10 O	2,4-Dimethylbenzaldehyde	7320115.238	18462113.9	10136353.94	20061953.12	16471860.07
551_154.026	4.851	154.0265	C7 H6 O4	2,4-Dihydroxybenzoic acid	2386467.358	4939795.337	5242336.416	5069279.279	5596037.876
199_454.292	11.199	454.29228	C24 H40 O5	β -Muricholic acid	123332.6963	9864.518272	9522.818774	11062.70306	8713.453646
382_148.037	0.882	148.03705	C5 H8 O5	δ -Ribono-1,4-lactone	27142666.54	197308410.6	71638336.73	237319283.9	261687633.2
042_342.116	1.042	342.11624	C12 H22 O11	α -Lactose	286261734.1	150776307.4	52046621	123379444.7	67565671.85
582_381.163	2.582	381.16361	C16 H23 N5 O	Zeatin-7-N-glucoside	15708239.96	838268.207	803353.901	617326.0295	750043.3235
762_210.037	0.762	210.03739	C6 H10 O8	Mucic acid	10562147153	2342821606	2341734610	2544111609	1902800231
789_180.063	0.789	180.06326	C6 H12 O6	L-Sorbose	3477437578	18393029127	16743275493	19713348569	16437143929
726_260.029	0.726	260.02918	C6 H13 O9 P	Glucose 1-phosphate	45650800.84	119209838.3	106234605.6	135734601.7	121977255.4
795_196.058	0.795	196.05808	C6 H12 O7	Gluconic acid	138109022.5	343571053.2	429519466	365470012.3	332893664
061_521.195	1.061	521.19576	C18 H32 O16	D-Raffinose	15545560.19	951349.1046	800367.0501	1304601.351	762621.3339
907_136.037	0.907	136.03725	C4 H8 O5	D-Erythronic acid	134311023.3	334231931.8	234664575.4	270970475.7	250369283.1
328_150.052	1.328	150.0527	C5 H10 O5	D-(+)-Xylose	8124923.294	23884964.64	36143402.74	16875861.35	31323724.51
93_342.1157	0.93	342.11574	C12 H22 O11	D-(+)-Trehalose	7603626928	229011327.3	134697175.6	312430491	123255507.3
328_180.063	1.328	180.06333	C6 H12 O6	D-(+)-Mannose	380633463.5	2659456749	1366857055	2309024972	1045720940
9_226.0686	0.9	226.06863	C6 H12 O6	D-(+)-Glucose	325851929.2	193470780.2	99126667.98	169535802.1	114823916.6
038_179.079	1.038	179.07951	C6 H13 N O5	D-(+)-Glucosamine	91770433.19	142455971	239173516.6	188972781.3	86359927.36
775_226.068	0.775	226.06855	C6 H12 O6	D-(+)-Galactose	608877745.3	3671612456	3417501888	4187506997	3179389854
531_332.110	1.531	332.11026	C13 H18 O7	D(-)-Salicin	11029402.14	36154125.57	36615478.05	33725877.08	34101932.7
796_150.052	0.796	150.05266	C5 H10 O5	D(-)-Lyxose	234823924.9	860877735.5	860560435.1	1004277610	627204003.9
611_162.104	10.611	162.10458	C11 H14 O	Valerophenone	16411551.73	15202374.09	45869915.96	30043731.23	31122699.79
952_238.229	19.952	238.2297	C16 H30 O	Muscone	21305831.34	34036704.07	24547183.99	37421520.9	15533637.35
798_138.104	7.798	138.10459	C9 H14 O	Isophorone	4031889.077	19222613.98	18515177.28	14217964.04	19615177.43
365_126.031	0.865	126.03173	C6 H6 O3	Hydroxymethyl-2-furaldehyde	102261292.9	181784230.1	220190363.9	170146004.3	179754769.6
111_138.031	4.111	138.03188	C7 H6 O3	2,4-Dihydroxybenzaldehyde	8096049.726	574257.6741	585663.0942	258114.3058	596388.7012
906_398.137	0.906	398.13701	C5 H22 N6 O5	S-Adenosylmethionine	17573315.24	49027599.78	19667920.41	24475999.69	21160263.68
128_307.083	6.128	307.08381	C10 H17 N3 O6	L-Glutathione (reduced)	18315953.26	83320.3998	91580.55624	67172.9634	79062.31293
383_146.036	5.383	146.03686	C9 H6 O2	Coumarin	2011958.761	108527.4455	54135.43334	123780.8482	63072.8963
306_176.047	5.806	176.04744	C10 H8 O3	7-Methoxycoumarin	466938.4657	241580.1241	362044.4199	315492.1506	416374.045
958_148.052	1.958	148.05256	C9 H8 O2	Dihydrocoumarin	3106618814	775194049.7	681466665	783985402	914199313.8
363_180.042	0.863	180.04236	C9 H6 O3	4-Hydroxycoumarin	3964360.772	7149738.45	10710953.99	5962013.555	8325424.529
778_305.233	17.778	305.23309	C19 H31 N O	Valethamate	971677.5099	1380599.634	1270041.424	1149120.481	1191839.91
307_327.215	5.807	327.21582	C21 H29 N O4	N-(2-hydroxypentyl) meth...	2026123.252	1528867.9	1444149.79	1127967.869	1415787.395

636_441.162	5.636	441.16283	24 H27 N O5	Troglitazone	4444630.389	796306.7259	699382.7143	761133.8026	876364.821
456_259.189	1.456	259.1896	C17 H25 N C	Phenyl-4-piperidinocyclol	18227436.19	21212567.5	20204466.5	18554358.67	21428395.01
658_157.110	4.658	157.11042	C8 H15 N O2	Tranexamic acid	909555.8939	156837.2423	338072.6348	229627.8458	136137.1658
401_278.162	6.401	278.16269	15 H22 N2 C	Tolycaine	13965152.18	4745537.672	7688715.405	5797183.263	7735659.158
785_402.146	19.785	402.14693	1 H26 N2 O2	Sulforidazine	4183074.493	7345058.333	6325021.682	6478561.872	6735082.675
046_382.235	13.046	382.23557	24 H31 F N2	STS-135	1132074.056	4943051.371	4298090.963	5032379.73	4886470.138
314_490.207	15.314	490.20744	2 H30 N6 O	Sildenafil N-oxide	4584545.633	4585075.927	3872069.093	3507429.503	6516726.048
281_291.217	15.281	291.21745	18 H29 N O	Penbutolol	2133427.2	2009446.449	2448032.768	2202452.552	1640532.691
438_324.141	4.438	324.14159	19 H20 N2 C	Oxyphenbutazone	1848338.111	7376103.668	6543356.647	6125871.44	6530705.233
704_265.165	11.704	265.16541	15 H23 N O	Oxprenolol	1008320.221	1502448.235	2125873.747	1125237.84	919287.2465
85_357.1900	3.85	357.19003	21 H27 N O	Nalbuphine	2554325.97	1104156.782	1080471.324	965367.2054	950644.1576
467_235.154	10.467	235.1549	14 H21 N O	Meprylcaine	16134403.11	7293601.632	9195704.395	7653186.358	6700629.765
801_275.152	14.801	275.15217	16 H21 N O	MDPV	1063578.022	5810204.94	3013390.171	5317392.767	3123531.908
996_261.136	15.996	261.13652	15 H19 N O	MDPBP	3115013.335	32326731.37	20190787.94	31356019.36	28704199.2
437_318.161	7.437	318.16131	17 H22 N2 C	Imiprothrin	726682.3523	1081465.964	1066183.217	1074781.263	1137373.24
405_317.234	14.405	317.23446	20 H31 N O	Drofenine	3301811.205	5967237.225	5470841.645	6150577.516	5194176.076
176_234.103	2.176	234.10386	12 H14 N2 C	Diproqualone	3276543.586	49207.79093	41534.33034	42346.18581	57155.52075
546_472.171	1.546	472.17179	22 H30 F O8	Dexamethasone phosphate	1558207.913	102110.304	112655.5457	107309.4316	101071.7769
886_434.214	5.386	434.2148	24 H31 F O	Dexamethasone acetate	10688332.73	4776765.071	4455397.242	4559604.663	3852027.509
73_378.1898	5.73	378.18985	23 H26 N2 C	PICA N-pentanoic acid m	1392949.723	7034517.766	7428302.432	8474889.21	7536144.373
8.2_337.2592	13.2	337.25923	21 H36 Cl N	Clofilium	922331.8056	1522327.445	1040670.393	1494315.64	1137356.804
791_388.134	5.791	388.13463	9 H21 Cl N4	Chlorodenafil	315819.115	10997.32677	10864.41776	9307.616685	10199.02527
981_361.299	12.981	361.29982	23 H39 N O	Cetaben	2257634.722	4510991.111	3269357.733	4543579.009	3280383.384
784_324.204	19.784	324.20406	C22 H28 O2	annabinol monomethyl eth	1528397.629	2713662.306	2063520.446	2338977.375	2562550.882
37_192.0788	5.37	192.07882	C11 H12 O3	BMK methyl glycidate	8093898.468	137595.9053	164347.7074	40834.97943	46498.65514
881_221.105	5.381	221.10529	12 H15 N O	bk-MDDMA	4404465.212	443188.5796	567876.348	485218.0432	580592.3275
597_373.220	6.597	373.22086	1 H28 F N3	Azidoindolene 1	2797098.609	15475721.16	13139231.04	15343735.24	13067544.38
181_284.123	7.181	284.12361	3 H20 N2 O	Articaine	350423.5271	1203728.434	1675678.731	955151.374	1205401.729
095_261.170	12.095	261.17049	16 H23 N O	Alphaprodine	778063.4886	878466.9012	996563.1011	1207965.849	887589.8279
758_381.189	5.758	381.18954	2 H24 F N3	ADB-FUBICA	610685.5081	503505.5383	647126.6408	970542.9777	630283.4353
126_274.135	5.126	274.13509	15 H18 N2 C	CHMINACA metabolite N	150593.5906	26015.50311	106569.6894	23074.47941	27438.1893
041_392.205	7.041	392.20544	0 H26 F2 N4	Fluoro-3,5-AB-PFUPPYC	704142.975	1546374.385	1651643.643	2161527.979	1516308.315
81_221.139	19.81	221.13924	13 H19 N O	3,4-MDPA	1248902.529	669427.8231	613247.1406	777720.6044	489092.3857

155_291.181	9.155	291.18108	C17 H25 N O	Methoxy- α -pyrrolidinopentid	146525.4292	32367.29629	25092.7139	28629.8024	32452.60526
264_374.179	1.264	374.17988	C24 H23 F N2	2-Fluoro NNEI	906740.4325	1406611.716	1024255.971	1635368.317	794041.0058
747_319.251	12.747	319.25112	C20 H33 N O	Androstan-3-hydroxyim	500186.826	896899.8503	841544.7454	1033969.988	676436.8013
092_193.107	17.092	193.10779	C11 H15 N O	enzodioxolylbutanamine (	215647.1594	93090.79408	36137.2842	34311.22798	36983.66704
114_334.250	15.114	334.25082	C21 H34 O3	P 47,497-C7-Hydroxy me	72715262.75	66178490.39	66267548.15	49473195.31	70223362.27
165_348.230	11.165	348.23008	C21 H34 O5	β -Cortolone	668831.4049	841771.8317	690616.7489	1428835.747	1213846.927
917_214.131	1.917	214.13175	C10 H18 N2 C	Valylproline	24907501.72	18020549.15	13149291	11439433.59	12654100.22
993_332.232	17.993	332.23281	C21 H34 O4	U-44069	335965.2847	983712.8382	418377.9776	1464369.458	1743388.696
643_235.084	1.643	235.08446	C12 H16 N2 C	Tyrosylalanine	347748412.9	229108520.9	240123183.1	174996542.7	228498160.9
717_252.110	3.717	252.11047	C12 H16 N2 C	Tyrosylalanine	3929423.388	9200949.832	4408358	10790538.55	9788603.883
829_434.086	3.829	434.08604	C20 H18 O11	Reynoutrin	5978867.507	84646.82492	120490.1249	78192.61209	77895.37511
406_228.147	1.406	228.14754	C11 H20 N2 C	Prolylleucine	14875172.01	2930378.943	3504087.02	2214471.004	4264543.724
793_132.089	0.793	132.08985	C5 H12 N2 O	Ornithine	68005465.54	607824425.8	737139268.8	662319054.4	646621748.2
186_135.068	1.186	135.06843	C8 H9 N O	N-Benzylformamide	23642120.87	16140078.84	16135245.4	12638911.98	17221823.39
946_159.089	3.946	159.08942	C7 H13 N O3	N-Acetylvaline	2210832.744	488141.4151	634762.4733	44573.03406	556286.4715
803_341.292	15.803	341.29297	C20 H39 N O	N-Acetylsphingosine	1521724.911	1620013.411	866680.8775	1083413.034	769633.0236
866_174.100	0.866	174.10056	C7 H14 N2 O	N-Acetylmethionine	5963652.318	3975887.088	5924485.37	4260716.645	6582853.597
569_173.105	5.569	173.10515	C8 H15 N O3	N-Acetyl-D-alloisoleucine	4113612.158	2628694.096	2393605.066	2422070.604	2453636.312
02_688.2030	1.02	688.20307	C24 H42 O2	Maltotetraose	6430356.638	648607.2907	601417.0293	512762.0995	681686.8912
056_228.147	4.056	228.1475	C11 H20 N2 C	Leucylproline	70584037.51	67007216.94	55640229.86	49316714.85	58249583.7
227_228.147	4.227	228.14715	C11 H20 N2 C	Leucylproline	17465532.66	45333055.1	34518610.7	40502366.7	35322753.24
63_314.1881	6.63	314.18819	C20 H26 O3	Kahweol	3653487.902	93666.97118	90743.3158	81077.92072	90351.90531
203_453.285	16.203	453.28573	C21 H44 N O7	phospho-N-palmitoyl ethar	64772194.19	61342784.56	39227678.87	52877096.05	85910220.43
01_453.284	14.01	453.28473	C21 H44 N O7	phospho-N-palmitoyl ethar	987507.0337	9112864.158	5347974.736	6156927.896	8576661.566
515_332.087	4.515	332.08727	C17 H16 O7	Evernic acid	3784724.411	870688.0266	849365.2021	610014.7459	950053.4783
824_174.111	0.824	174.11188	C6 H14 N4 O	DL-Arginine	286623419.6	450515752.2	1134556387	410261243.1	501319437
102_174.109	2.102	174.10904	C6 H14 N4 O	DL-Arginine	54533606.49	216187015.6	135311325.6	278041652.1	216657410.5
856_234.103	2.356	234.10347	C12 H14 N2 C	DL-5-Methoxytryptophan	1036284.115	34034.87522	35008.27767	35957.56132	30132.38038
909_364.098	0.909	364.09803	C12 H22 O11	D-(+)-Maltose	3078446727	39519369.96	69772611.42	75142291.82	42325766.41
735_178.041	5.735	178.04114	C5 H10 N2 O3	Cysteinylglycine	1717889.573	326749.5535	274953.6823	428043.928	300770.0219
93_376.0770	0.93	376.07705	C16 H18 O9	Chlorogenic acid	5476667.505	688078.0269	506232.8382	579402.4045	527639.806
036_196.071	8.036	196.07129	C10 H12 O4	Cantharidin	576781.9919	18588.79907	17168.12277	16837.25551	16921.69493
295_303.256	13.295	303.25621	C20 H33 N C	Arachidonoyl amide	1290467.647	2234205.93	1464831.55	1544577.463	1975747.453

543_252.111	3.543	252.11106	I2 H16 N2 C	Alanyltyrosine	16277500.8	30150887.53	33013292.01	14144828.58	47585582.03
606_438.223	10.606	438.22311	C25 H33 F O	AL 8810 Methyl ester	1372088.811	128350.0424	63356.85876	69030.03758	74643.42837
819_129.042	1.319	129.04261	C5 H7 N O3	4-Oxoproline	32622414.3	21528153.67	18057387.91	20826232.53	17069942.06
949_160.073	4.949	160.07347	C7 H12 O4	3-Methyladipic acid	6435689.192	13017210.32	11393639.05	11522182.28	11269938.09
37_160.0525	5.37	160.05252	C10 H10 O3	3-Methoxycinnamic acid	2760257.834	202140.0683	55776.43957	147100.5278	43875.39998
802_408.248	11.802	408.24887	C21 H38 O6	Methoxy prostaglandin F1	478762.8733	2349289.512	1454875.441	2445778.651	1986629.047
578_297.106	1.678	297.10676	I1 H15 N5 C	2'-O-Methylguanosine	3968471.718	1816627.847	1256365.396	1811505.27	1406452.084
606_281.112	1.606	281.11225	I1 H15 N5 C	2'-O-Methyladenosine	13781236.81	6811837.319	5362351.987	5307218.794	6097612.946
52_118.0630	5.52	118.06308	C5 H10 O3	2-Hydroxyvaleric acid	4295531.559	613421.6509	284556.238	398627.4642	345577.6459
749_358.308	21.749	358.3083	C21 H42 O4	1-Stearoylglycerol	34443327.59	33044788.73	18549243.97	59075905.28	5318863.314
841_390.238	14.841	390.23833	C23 H34 O5	12,14-prostaglandin J2-2-g	1090649.493	2777942.474	1862971.166	3151791.175	3333852.192
573_286.118	8.573	286.1181	C15 H20 O4	(±)-Abscisic acid	1719461.893	2712118.527	2755098.874	2122055.876	2620638.496
613_264.135	8.613	264.13555	C15 H20 O4	(±)-Abscisic acid	4521659.385	20440586.45	18066220.28	18456497.59	17723456.92
421_178.099	12.421	178.09952	C11 H14 O2	Butyl benzoate	24646909.31	37017171.14	68545163.85	21262813.37	26383373.36
558_159.068	1.658	159.06857	C10 H9 N O	6-Methoxyquinoline	8013386.393	330717.795	212643.8834	366726.9192	400760.3388
807_150.034	5.307	150.03494	C5 H10 O3	2-Hydroxy-4-methylthiobutanoi	1382415.192	1249700.147	1437992.47	921336.4646	1790937.591
009_558.337	6.009	558.33774	C27 H52 O10	PPG Acrylate n8	2326988.542	211873.9649	233341.6318	169157.1098	119439.3346
297_400.279	5.297	400.27985	C20 H42 O6	Poly THF n5	764355.6874	85100.20977	262833.311	172625.2663	203809.6815
827_250.193	13.827	250.1933	C16 H26 O2	OPEO	928272.8195	235499.5105	122613.5146	290613.0669	234849.5341
295_197.177	20.295	197.17754	C12 H23 N C	Lauro lactam	13933950.4	19202896.76	13188383.9	20026647.93	15963053.54
771_166.026	4.771	166.02646	C8 H6 O4	Isophthalic acid	1824055.054	1704559.164	1258924.78	1466800.675	1401733.139
948_344.144	6.948	344.14473	I7 H20 N4 C	Disperse red 17	1372543.749	171497.4137	198952.4623	150900.982	151858.4301
295_386.173	12.295	386.17306	C22 H26 O6	1,4-bis(methylbenzylidene)sorbi	915161550.9	1309370322	1548649538	1349739827	1607365552
529_414.204	13.529	414.20438	C24 H30 O6	1,4-bis(4-ethylbenzylidene)sorbi	1747452049	4361433377	2331788391	4639691894	3786580413
821_232.055	0.821	232.05576	C16 H8 O2	Aceanthrenequinone	34857234.23	13168995.14	16603784.51	11710735.41	13349774.31
784_312.147	6.784	312.14742	I8 H20 N2 C	2-Ethoxy-2'-ethyloxanilide	1488463.4	230954.5084	324003.9203	297100.2363	326749.8592
359_134.057	1.359	134.05788	C5 H10 O4	1,3-bis(hydroxymethyl)propioni	15560277.66	36929930.19	31051479.74	32695323.54	36004924.21
29_204.1151	4.29	204.11516	C13 H16 O2	1,3-dihydroxycyclohexyl phenyl k	8983164.249	9312114.558	9097165.942	6540456.453	8863516.791
21_253.240	18.21	253.24059	C16 H31 N Cl	1-Dodecyl-2-pyrrolidinone	227750427.5	306347914.7	250505559	326091157.8	232721510.8
877_230.151	7.377	230.15185	C12 H22 O4	1,3-Hexanediol diglycidyl et	1928305.615	6823762.195	6878816.345	5767605.147	6244282.1
726_158.084	3.726	158.0846	C10 H10 N2	1,5-Naphthalenediamine	39128277.51	4219707.002	4257776.104	3171531.774	4106745.524
693_278.224	18.693	278.22444	C18 H30 O2	α-Linolenic acid	107480071.9	198294095.5	151268278.8	148570694.7	155980139.6
661_278.224	15.661	278.22447	C18 H30 O2	α-Eleostearic acid	25204106.64	76840403.45	58839362.29	76683981.78	72635973.66

927_301.298	14.927	301.29806	C18 H36 O2	Stearic acid	7457238.401	16464418	10837060.02	15940816.46	12142616.55
754_283.286	22.754	283.28677	C18 H37 N O	Stearamide	1282766236	851893410.7	239195251.6	991765877.5	284609233.6
569_351.238	17.569	351.23859	C20 H30 O4	Prostaglandin J2	1018865.23	265382.5319	333470.837	338148.3044	193264.5143
643_314.245	13.643	314.24566	C20 H34 O5	Prostaglandin h1	3625534.192	11711013.76	9521242.276	12835046.05	10728980.88
498_398.227	10.498	398.22754	C20 H32 O5	Prostaglandin F3 α	11611842.66	107441365	82274468.28	122400462.3	98142425.41
36_254.224	19.36	254.22452	C16 H30 O2	Palmitoleic acid	12606064.84	362905.4973	480192.9498	498924.4616	411359.8851
187_281.271	21.187	281.27168	C18 H35 N O	Oleamide	106819200.2	116417819.3	38941848.19	123822474.4	50089905.6
188_347.279	19.188	347.27976	C22 H37 N O	Arachidonoyl ethanolami	6762100.652	1373636.603	1118705.609	972200.4161	1145073.009
37_131.0947	1.37	131.09477	C6 H13 N O2	L-Norleucine	576013957.2	770075638.3	787704008.3	622679501.4	759453507.9
514_255.255	20.514	255.25582	C16 H33 N O	Hexadecanamide	2926052910	3175518599	1468861233	3323057100	1937282619
359_230.151	8.359	230.1514	C12 H22 O4	Dodecanedioic acid	359844.7284	4746276.729	4150791.43	4100986.23	3963256.35
245_356.271	14.245	356.27156	C24 H36 O2	icosahexaenoic acid ethyl e	439593.0032	6897.820548	7294.993321	8766.677788	8520.720704
992_214.131	3.992	214.13184	C10 H18 N2 O	Desthiobiotin	1633541.828	378832.6192	365458.7864	314113.8303	322245.2715
155_214.131	4.155	214.13154	C10 H18 N2 O	Desthiobiotin	806509.7922	338305.6525	370972.8142	368178.9818	347581.9766
925_328.224	9.925	328.22456	C18 H32 O5	Corchorifatty acid F	188393135.5	2114073732	1123128976	2400973169	1679571126
543_188.104	7.543	188.10473	C9 H16 O4	Azelaic acid	30954876.26	277654508	243792554	228990492.8	229799317
391_308.235	14.391	308.23516	C19 H34 O4	Avocadyne 1-acetate	4502340.214	136674.4116	105270.8055	119533.2472	248860.1355
549_294.219	10.549	294.21951	C18 H30 O3	9-Oxo-ODE	45868374.26	161930530.2	113498655.9	165258600.7	153923307.2
268_294.219	16.268	294.21953	C18 H30 O3	10(E),12(E)-octadecadiene	9681412.939	31786773.87	29555795.32	36765014.37	36305486.2
549_352.222	10.549	352.22257	C20 H34 O6	6-Ketoprostaglandin F1 α	59013207.82	234521266.7	152558557.1	233089053.9	226968817.9
073_132.078	7.073	132.07856	C6 H12 O3	6-Hydroxycaproic acid	127395171.1	44946755.5	41793619.95	38672478.08	44370600.68
333_176.068	4.333	176.06837	C7 H12 O5	2-Isopropylmalic acid	221077354.2	10341412.06	8005645.941	8979387.169	8264509.467
316_132.078	7.316	132.07856	C6 H12 O3	2-Hydroxycaproic acid	17573831.7	10877256.34	10300568.77	9814401.576	10968240.94
036_378.274	20.036	378.27454	C23 H38 O4	2-Arachidonoyl glycerol	2796988.626	3567094.039	2154841.269	3036569.203	2826821.853
397_308.198	12.397	308.19876	C18 H30 O5	Dinor-8-epi-prostaglandin	2910377.176	13010276.54	12018414.69	17478781.6	18609659.17
973_272.234	18.973	272.23453	C16 H32 O3	5-Hydroxyhexadecanoic ac	3044125.999	10132658.48	6944878.782	13096382.15	6483665.392
05_306.219	15.05	306.21951	C17 H32 O3	16-Heptadecyne-1,2,4-trio	768256.7628	3337653.132	2949223.384	3216501.875	3034394.714
728_316.201	14.728	316.20155	C18 H30 O3	13-OxoODE	1871857.744	8175820.222	6561485.842	9411641.337	7525327.006
073_294.218	14.73	294.21895	C18 H30 O3	13(S)-HOTrE	25098381.42	267290111.2	184404437.2	327568940.4	207594222.7
123_292.203	10.123	292.20391	C18 H28 O3	12-Oxo phytodienoic acid	17087357.87	109549668.3	97673417.18	130445520.3	115108160.6
354_292.203	14.354	292.20329	C18 H28 O3	12-Oxo phytodienoic acid	264336.0119	4266741.404	2862760.624	3883514.735	3598232.13
298_368.219	7.298	368.2194	C20 H32 O6	1-Dehydro thromboxane B	1048474.985	1671282.979	1431047.12	1514560.397	1353000.216
835_314.245	13.835	314.24564	C18 H34 O4	(+/-)12(13)-DiHOME	3027169.734	10867244.33	9034889.579	11334975.04	10070689.36

623_314.245	13.623	314.24518	C18 H34 O4	(+/-)12(13)-DiHOME	3348016.312	32027822.03	23452463.07	38728318.54	27030073.65
815_422.172	5.315	422.17241	C25 H26 O6	Mulberrin	9247589.13	17547360.12	17780495.6	14109184.06	16943635.67
824_422.171	5.324	422.17169	C25 H26 O6	Mulberrin	7813002.314	33653904.84	28627313.46	27942532.62	27267088.69
122_594.1586	6.22	594.15865	C27 H30 O15	4'-O-Glucosylvitexin	491610.6575	3055888.444	3246178.996	2741223.989	3011060.906
156_594.157	6.156	594.15787	C27 H30 O15	4'-O-Glucosylvitexin	327094.5542	6042940.914	6046281.275	6022522.978	5892183.912
167_340.1269	4.67	340.12698	C18 H22 O5	Zearalenone	3765870.397	3610355.87	3591753.94	3023022.411	3673425.889
1959_414.223	6.959	414.22314	C22 H30 N4 O	Tentoxin	1398827.323	100865.8392	178032.8213	87508.724	130643.012
1942_336.120	9.142	336.12094	C17 H22 O8	Fusarenon-X	4017932.55	5943911.644	6328314.906	4792412.823	6161924.815
1939_705.380	5.939	705.38066	C34 H59 N O1	Fumonisin B2	128740.5844	39535.1999	145211.6348	47774.83496	80174.59543
1888_128.047	0.888	128.04737	C6 H8 O3	3-O-3-hydroxy-2,5-dihydro-	28308680.86	23920385.62	29366282.47	21640006.53	19822855.71
185_112.0160	0.85	112.01605	C5 H4 O3	2-Furoic acid	326212944.5	64327931.28	66315460.53	59664886.87	55476219.32
154_156.005	1.154	156.00593	C6 H4 O5	2,5-Furandicarboxylic acid	49828169.55	5476271.84	5591601.806	5775169.192	4976055.794
1275_174.016	1.275	174.01625	C6 H6 O6	Dehydroascorbic acid	358787565.6	287109053.7	110800485.4	331698205.5	141226940.9
1702_376.258	18.702	376.25861	C23 H38 O5	15-Epoxyeicosatrienoyl g	26371306.27	63391367.72	57118712.34	56583965.8	65840992.27
1418_436.258	16.418	436.25832	C21 H41 O7	1-3-O-3-hydroxy-L-lysophosphatidic a	3047662.139	539874.6328	5472785.77	1910800.988	2021875.36
1586_286.156	7.586	286.1569	C18 H22 O3	16 α -Hydroxyestrone	2288987.921	89702.86969	88583.26071	71268.87835	80707.66001
1807_191.069	4.307	191.06962	C9 H9 N3 O2	Carbendazim	3356232.981	2486827.012	2908294.089	3085683.958	2266468.817
129_458.241	17.29	458.24114	C8 H31 F N4	Astemizole	2259612.395	283661.9772	606011.5288	556623.1503	858377.1934
104_146.084	2.104	146.08445	C9 H10 N2	5,6-Dimethylbenzimidazol	2937988.949	181879.198	131153.0793	495446.1078	524402.9341
1633_204.090	3.633	204.09001	C11 H12 N2 C	DL-Tryptophan	421770863.4	36197934.33	37820402.97	22742885.33	113754689.1
1506_248.119	5.506	248.1195	C13 H16 N2 C	6-Hydroxymelatonin	6888373.998	12399540.8	16125871.29	18772096.69	21909214.73
1523_248.152	6.523	248.15246	C14 H20 N2 C	Pindolol	1076222.667	357513.174	486940.0384	527687.0644	538987.3593
1773_129.151	4.773	129.15187	C8 H19 N	Diisopropylethylamine (DI	2170422.713	4423943.042	4742766.181	5242956.53	3895785.611
1778_646.441	22.778	646.44112	C42 H63 O3	Irgafos 168	1023937.292	4152770.603	891350.9078	3974666.194	2287270.123
1753_230.086	9.753	230.0861	C14 H15 O	Dihydiphenylphosphine oxi	1699779.942	54097841.89	1527448.968	122134147.9	78731555.2
1963_337.334	23.963	337.33425	C22 H43 N C	Erucamide	470885030.9	369834230.9	94266529.98	320533892.9	114749530.9
1549_194.130	10.549	194.13089	C12 H18 O2	Sedanolid	18773922.96	65091206.81	48350325.89	62344088.81	64035296.85
1595_358.141	6.695	358.14172	C20 H22 O6	Matairesinol	3397071.321	8713733.064	13517640.85	6879181.145	9039236.977
1193_315.130	17.193	315.13024	C10 H17 N7 C	Neosaxitoxin	1930688.981	710213.9653	1183839.709	866301.584	511336.4963
1451_312.266	17.451	312.26643	C20 H34 O2	g-Linolenic acid ethyl ester	139850249.6	297094956.4	202998858.5	197536383	318938425.8
1589_426.172	4.689	426.17297	C17 H30 O12	3-O-(2-methylbutanoyl)-c	11492505.94	314592.5454	288783.4742	266185.3737	207785.7429
1524_357.220	13.524	357.22044	C24 H29 N3 C	Trityl alcohol	2143689.844	3628257.498	4034693.655	6365637.346	3476504.119
1085_493.317	15.085	493.31711	C28 H47 N O4	Tiamulin	89616300.72	259742.8565	470196.709	198607.799	434535.3472

17_230.1630	3.17	230.16309	11 H22 N2 C	(aminocarbonyl)-3-methyl	9132491.755	8110192.486	10208914.28	15788487.57	7994759.462
873_402.274	19.873	402.27465	C25 H38 O4	Terpestacin	1871174.071	8402337.137	5931429.636	8900747.116	12999585.41
084_408.155	12.084	408.15503	25 H20 N4 C	SSR161421	2426110.067	2179484.353	2326742.739	2289579.43	2346727.63
924_620.262	20.924	620.26281	H42 Cl2 N4	SSR146977	74195116.46	375229110.8	269731500.3	298809585.5	349082411.6
292_232.110	9.292	232.11	C14 H16 O3	Sorbicillin	1181729.718	5681.033225	8891.449011	4873.826495	5003.196467
515_462.136	3.515	462.13664	C19 H26 O13	Sibiricose A3	1056568.24	57985.10866	66099.77564	68599.02257	57827.64393
358_542.125	0.858	542.125	C30 H22 O10	Rhusflavanone	130449950	36505235.43	30583307.55	24903099.21	36320029.07
613_442.225	13.613	442.22569	28 H30 N2 C	Rhodamine 6G	901495.1118	53363.02925	67914.75534	139119.5623	56386.75685
814_192.063	0.814	192.06327	C7 H12 O6	Quinic acid	4930489.054	21483713.8	41947131.13	28603179.18	21647321.22
715_332.196	12.715	332.19637	C20 H30 O5	Prostaglandin k2	847208.3704	1720894.281	1435386.894	1963211.211	1578543.045
186_402.261	9.186	402.26103	C20 H36 O5	Prostaglandin flβ	8428773.964	39397208.24	21301859.36	45875727.9	34490659.15
183_522.353	21.183	522.35332	8 H50 N4 O	Oleic acid-biotin	314161.9097	669129.9184	507019.336	1343587.702	787851.5669
746_278.224	18.746	278.22401	C18 H30 O2	Oleic acid alkyne	1011504.352	5099862.189	3130321.821	4498780.872	4028591.187
392_275.118	6.392	275.11886	15 H17 N O	Obscurolide A2	973230.2237	3074725.697	2567992.393	1497568.577	3144188.059
378_450.248	5.378	450.24802	22 H34 N4 C	(ethylvalyl)amino]cyclohex	901617.6136	106160.9795	214966.4601	136274.3587	189560.962
367_600.348	7.867	600.34838	27 H48 N6 C	Nocardamin	406300.3092	20541.64094	20042.24523	18463.05916	20721.42293
983_127.100	1.983	127.1004	C7 H13 N O	N-Methylcaprolactam	33928913.41	206614247.4	567531417	186018232.6	73081059.8
159_415.242	5.159	415.24254	22 H31 N3 C	utyl-1,2-oxazol-3-yl)meth	1906056.046	16413743.65	14070278.44	14224070.65	11547959.21
966_388.231	4.966	388.23164	24 H28 N4 C	(methyl-4-pyrimidinyl]-1-a	2259819.722	74906.34446	159069.3449	125447.7783	126808.4089
743_179.094	4.743	179.09474	10 H13 N O	N-Acetyltyramine	3564473.038	471942.9728	620766.507	244859.0577	479825.029
323_286.068	3.823	286.06832	13 H10 N4 C	henyl)-7-nitro-2,1,3-benzo	1613876.887	129391.8986	183109.5466	131778.5475	151774.6189
039_278.126	3.039	278.12614	C15 H14 N6	mino-1,6-dihydro-1,3,5-tr	3234935.361	14711639.06	7630153.2	13370504.18	11651136.54
628_336.177	6.628	336.17795	21 H24 N2 C	ylacetyl)-4-piperidyl]-2-ph	837156.2133	10073289.33	10876054.15	8900561.015	8965688.456
534_410.191	5.534	410.19181	22 H26 N4 C	ropyl)-2-[(4-nitrobenzoyl)	2588048.53	49571.78694	50399.47832	46251.82562	123850.0592
626_317.158	2.626	317.15827	19 H24 Cl N	robenzyl)-2-(1-adamantyl	4653182.961	20162847.31	11568510.33	15296417.36	11520203.56
399_370.125	4.899	370.12596	17 H22 N2 C	oxo-2-morpholinyl]phenyl	1495930.52	4016000.383	3625787.903	3679262.907	3462620.525
493_349.200	6.493	349.20015	18 H24 N2 C	methyl-5-oxo-2-morpholin	1744808.551	231268.5827	48569.52328	236206.3326	394655.8759
273_392.108	7.273	392.10839	20 H22 N2 C	4-methyl-5-oxo-2-morpho	3830915.721	58848.9367	61416.70655	55555.16732	57878.81722
042_336.174	21.042	336.17488	17 H24 N2 C	isopropyl-5-oxo-2-morpho	2049277.589	814801.1164	794804.1701	729650.8862	734850.1681
74_377.2315	7.74	377.23152	20 H28 N2 C	sobutyl-5-oxo-2-morpholi	603197.7327	68923.36913	146922.7743	112024.1427	155675.2156
095_364.222	12.095	364.22259	22 H30 N4 C	yl-1H-pyrazol-5-yl)-1-aza	1049424.676	1805582.26	712916.6781	2979668.4	4106139.59
882_451.269	12.882	451.26909	23 H37 N5 C	razol-5-yl)-1-azabicyclo[	1623271.286	66211.17903	66834.10537	78752.234	76565.32048
142_391.177	4.142	391.1778	19 H27 N3 C	oxoethyl)-3,4-dihydroxyte	2106774.981	931671.5966	1618511.733	1382582.078	1486419.635

362_458.199	5.362	458.19921	23 H28 N2 C	2-oxoethyl}-3,4-dihydroxy	2817194.226	410993.7406	391045.4	411447.5793	478583.7096
91_438.1503	5.91	438.15031	2 H25 F N2	2-oxoethyl}-3,4-dihydrox	2352179.051	865504.5105	864708.0939	632744.1973	847217.6162
024_367.153	6.024	367.1533	20 H23 N3 C	(3-pyridinylmethyl)amino]	1483262.646	2243995.185	2719811.03	2476721.914	2405019.688
578_438.259	10.578	438.25952	26 H34 N2 C	(zyl)amino]-2-oxoethyl}-3	543552.4009	2706520.568	1497680.386	4378152.138	3863665.951
692_570.280	12.692	570.28021	9 H40 N4 O	dinyl)-1-piperazinyl]ethyl	2995636.206	83884.41588	99958.16007	131700.3804	110765.7422
018_432.225	17.018	432.22538	24 H28 N6 C	-1,3,4-oxadiazol-2-yl]metf	13393898.84	12120449.04	12435819.22	11184567.72	22291044.1
259_436.259	17.259	436.25917	24 H32 N6 C	-5-yl)-1,3,4-oxadiazol-2-y	15315030.34	2680371.717	3800839.325	2456104.349	4859794.301
606_433.267	10.606	433.26775	27 H35 N3 C	oxoethyl}-6-isopropyl-3-me	1151208.577	69305.67322	52265.29556	78020.42252	75524.05999
532_444.257	6.532	444.25772	27 H32 N4 C	hyl}-6-isopropyl-3-methy	1738363.204	3335129.382	2262788.369	2983496.436	2356062.099
401_398.170	9.401	398.17058	22 H24 N4 C	henyl)-1,2,4-oxadiazol-5-y	712843.5721	11567759.92	455597.8634	28869907.2	15750880.27
566_402.113	5.566	402.11389	7 H24 N4 O	nyl)-1,2,4-oxadiazol-5-yl]	2413916.764	43903.4189	45977.28232	39926.5533	43908.72566
821_453.220	5.821	453.22025	27 H27 N5 C	-6-oxo-7,11-diazatricyclo[	468904.4907	1676223.661	1525488.321	1422976.745	1530034.358
914_365.101	0.914	365.10121	7 H14 F3 N3	zol-2-yl)phenyl]-N'-[4-(tri	590583604.2	9827302.446	9225990.107	14144303.44	8933910.882
894_454.204	6.394	454.20428	27 H26 N4 C	,6a,7,8,9,10,12-octahydro	11999562.14	140018.1251	165609.9894	1554809.839	1214531.207
073_472.178	5.073	472.17841	3 H21 F3 N4	methyl)phenyl]-1h-pyraz	8423291.752	217632.1772	196455.1895	189893.5122	145849.6211
598_488.243	9.598	488.24334	27 H36 N2 C	-oxopropyl}-5-hydroxy-3	367875.1752	2379.134843	2591.648237	2813.902778	2234.613966
183_508.278	14.183	508.2789	26 H40 N4 C	olidinyl]-1-oxo-2-propany	2504156.153	15554806.28	14020917.72	14770097.05	19362950.15
018_527.154	1.018	527.15436	31 H27 N3 C	oxo-7,11-diazatricyclo[7.3	11075611.04	1486028.222	1256946.134	948490.237	962901.7007
771_249.134	16.771	249.13413	14 H19 N O	N,N-Dimethylpentylone	306335.3925	278666.7045	279609.799	236227.9569	204010.3151
723_414.129	5.723	414.12914	0 H22 N4 O	henyl-4-isoxazolyl)amino]	1175315.826	1942475.036	2316413.337	1612986.131	1857267.925
93_292.0922	4.93	292.09229	4 H16 N2 O	uran-2-ylmethyl)quinoline	2895521.145	864264.2494	899978.2989	829757.4209	1004529.745
69_421.2101	6.69	421.21019	23 H27 N5 C	nyl]-1,2,4-oxadiazol-3-yl]	2348669.772	5845548.563	6988092.794	4498490.355	8091609.714
808_367.153	5.808	367.15326	20 H23 N3 C	dinylmethyl)-3-morpholin	1146622.313	677242.3865	1588093.219	1233526.332	1282587.92
864_428.204	5.864	428.20402	22 H26 N2 C	(3-phenylpropyl)-3-morph	1278073.72	30703.78408	35711.10193	39442.86061	32942.28622
523_422.170	5.523	422.17082	20 H26 N4 C	imidazol-2-yl)methyl]-5-c	3133471.647	3952010.586	3536594.633	3315835.536	3483533.491
224_440.188	6.224	440.18878	18 H26 N4 C	roxy-5-[(4-methylphenyl	1607345.363	1669502.642	1614428.718	1742084.393	1713267.467
998_486.258	5.998	486.25809	7 H33 F3 N4	hyl]-1-azabicyclo[2.2.2]o	495922.4075	14906.07365	64618.49355	15661.74532	41754.79506
044_404.162	21.044	404.16222	3 H26 N4 O	rimidinyl]-1-azabicyclo[2.	2016417.553	1308739.253	1080985.628	1219503.469	1134294.924
839_350.206	11.839	350.20694	21 H28 N4 C	nethyl-1H-pyrazol-5-yl]-1	1871768.302	4297405.436	6063456.275	4431798.866	3912118.988
.6_328.1423	5.6	328.1423	18 H22 N2 C	-propyn-1-ylamino)ethyl]t	4541269.795	3341464.042	6143288.05	5122634.52	5726784.006
811_448.235	4.811	448.23563	4 H36 N2 O	pyrrolidinyl)ethyl]-2-cyclo	1814901.645	3051700.495	4150852.129	4738081.372	3949061.981
.18_406.233	11.18	406.2332	22 H32 N4 C	(1-pyrrolidinyl)ethyl]-2-c	557648.1956	700764.7679	517448.1653	1055532.958	928031.7571
191_457.289	7.191	457.2892	25 H37 N3 C	nethyl-1-piperazinyl)-2-ox	284925.9845	2556829.187	1964478.528	1806569.866	2241389.236

045_426.295	19.045	426.29558	C26 H38 N2 O	yl]-6-isopropyl-3-methyl-	5129031.074	6710855.9	5818029.425	7404634.932	7497592.535
65_515.2942	6.65	515.29425	C27 H39 N3 O	ethyl]-6-isopropyl-3-meth	1129114.659	2656975.141	2955360.71	4064907.931	2628404.629
436_422.143	5.436	422.14318	C16 H24 O10	Mussaenosidic acid	825872.6372	6690496.795	5115434.906	6669369.741	5778702.1
051_356.292	20.051	356.29267	C21 H40 O4	Monoolein	19389566.77	24422858.54	15265570.88	20785716.35	16897427.32
805_251.007	0.805	251.00735	C8 H11 Cl2 N2	2,2-dichlorocyclopropyl)et	49997584.82	236740869.6	214257791.7	191439164.6	235706601.7
234_137.047	4.234	137.04772	C7 H7 N O2	Methyl isonicotinate	7255663.142	230723.3137	205503.3577	558604.9003	261390.7822
244_300.084	4.244	300.08459	C15 H14 O8	1-10-oxo-1,4-dihydropyran	19974959.22	747852.7674	842597.4931	609022.6093	450311.8526
834_372.139	8.334	372.13963	C21 H22 N2	(benzyl)-3-pyrrolidinyl]-1,3	232648.1194	33204.85938	31061.56701	29719.5658	31401.09356
106_388.137	7.106	388.13703	C17 H24 O10	(methyl-5-oxo-1,4a,5,6,7,7	935838.7406	74981.35451	136315.9159	63531.60896	69796.20885
272_568.215	6.272	568.21541	C26 H34 O1	Lariciresinol 4-o-glucoside	352946.867	1631623.913	1442349.951	1529869.417	1197796.465
885_303.142	0.885	303.14282	C17 H21 N O	Hydromorphinol	20442768.82	10536821.23	23918466.16	22755987.86	29559940.89
004_190.135	13.004	190.13591	C13 H18 O	Heptanophenone	1456695.133	1192416.763	3995234.318	2332934.73	2316635.101
085_346.141	6.085	346.14124	C19 H22 O6	Gibberellic acid	414145.7551	5617503.634	5155817.604	5347316.649	5089265.246
779_152.083	17.779	152.08388	C9 H15 N O2	amino-1-cyclohexene-1-car	3154763.737	3663822.551	4491577.483	3900677.635	3664059.768
635_416.129	6.635	416.12957	C8 H20 N6 O4	1-yl]-5,8-dihydropyrido[4	1147660.044	62900.66963	64147.98223	56496.46023	66577.39568
882_197.105	0.882	197.10531	C10 H15 N O2	-azabicyclo[2.2.2]octane-	4385541.136	5174002.084	11458523.59	3753428.279	5721402.16
401_330.167	9.401	330.16788	C17 H22 N4	4-morpholino-1H-pyrazol	722960.1838	25235.86798	24154.36457	23936.06044	27056.13504
057_414.113	6.057	414.11394	C8 H18 N6 O4	phenyl-2H-1,2,3-triazol-4	1067148.275	56722.4448	53140.81398	48739.42405	58355.12999
35_358.2211	6.35	358.22118	C21 H30 N2	(mino)methyl]-5-isopropyl-	2134369.127	7586755.413	7970009.952	8471782.95	7317951.992
791_308.198	10.791	308.19878	C20 H24 O2	Eicosatetraynoic acid	807705.3023	3764159.699	3544271.527	4134620.487	2971304.385
017_185.214	13.017	185.21451	C12 H27 N	Dodecylamine	2756474.401	9736746.094	8541104.823	11773289.94	7643150.734
917_171.162	12.917	171.16247	C10 H21 N O	Decanamide	11071341.29	13233561.81	13721288.84	15189461.78	12695640.21
49_446.241	17.49	446.24104	C3 H34 N2 O4	DAUDA	195080769.5	390707600.4	281052281.6	302513166.4	452434481.9
815_292.109	5.315	292.1093	C19 H16 O3	Coumatetralyl	4028288.784	9662554.06	11088468.96	7979585.928	10080972.41
738_324.141	4.738	324.1416	C20 H20 O4	Calocarpin	4967858.393	19222791.02	17428519.23	17018617.88	17271257.33
917_462.172	5.917	462.17293	C20 H30 O12	Bioside	3227879.705	7495721.757	6920495.272	6483429.844	7045309.034
802_449.189	4.802	449.18962	C25 H27 N3 O	-methoxy-2-oxoethyl]ami	739801.693	47857.02847	67950.16535	51252.01904	68439.05796
339_734.490	17.339	734.49087	C17 H70 N2 O	Azithromycin impurity A	2227417.592	10345456.13	4422504.988	7510881.525	7010295.383
539_338.282	17.539	338.2821	C22 H36 O2	arachidonic acid ethyl este	43745933.15	8357680.233	8268239.772	10241881.98	13143902.14
928_438.150	4.928	438.15027	C4 H21 F N4	App-fubinaca	4392722.496	5665230.668	7106444.205	4488009.099	5747345.871
968_292.203	9.968	292.20388	C18 H28 O3	3R-12-Oxophytodienoic a	106066331.8	545118181.3	345619784.5	484382014.2	492537855
205_327.240	12.205	327.24098	C18 H33 N O	9-Nitrooleate	523396.151	817099.6612	751410.35	1078625.58	766910.5558
006_292.240	18.006	292.24025	C19 H32 O2	(E)-Octadecatrienoic Acid	706943.3158	1726351.415	722765.2714	2473087.282	3240040.449

287_292.203	10.287	292.20387	C18 H28 O3	penten-1-yl]-1-cyclopente	2432134.212	14535141.93	9634766.785	13460740.96	11623478.76
768_448.259	15.768	448.25917	C29 H36 O4	droxycoumarinyl arachid	3666911.455	9834159.08	6835179.854	4972231.564	7369764.734
293_456.144	8.293	456.14459	C24 H24 O9	openoyl]-1-O-[(2E)-3-phe	3673143.659	4058516657	4430030582	4762067768	2261826929
026_443.200	5.026	443.20051	C17 H30 O12	oyl)- α -D-glucopyranosyl o	2149253.213	52175.02213	51837.15001	45521.26307	73714.4703
102_275.031	1.102	275.0318	2 H9 N3 O3	thylene]-7H-[1,3]thiazolo[	7841920.812	47002095.01	44806572.34	52593484.25	42233433.9
562_548.307	4.662	548.30755	29 H44 N2 Cl	linyl]-2-oxoethyl}-1,4a-di	723413.9944	20184.32719	20850.52447	18581.89268	21656.61796
846_512.296	15.846	512.29636	27 H42 N2 Cl	yl)amino]-2-oxoethyl}-1,4	1121426.725	80269.53161	87409.30888	95773.80879	74214.73946
114_331.141	8.114	331.14151	19 H17 N5 Cl	yl)-1,3,4-oxadiazol-2-yl]-1	644155.0345	622588.6741	833552.7548	855191.1876	480176.6336
842_350.061	0.842	350.06114	3 H11 F3 N4	thyl)anilino]carbonyl}oxy	9401838.669	22217927.42	28782622.47	21901954.9	33605588.02
74_348.0854	1.74	348.08544	H15 Cl F2 N	-difluorobenzyl)-3-pyrroli	7566265.673	1888373.262	2118013.41	1630587.256	1975222.19
465_376.138	5.465	376.13832	3 H21 Cl N2	5-Chloro THJ 018	2072118.45	6208595.742	5670840.568	5418556.761	6198936.133
604_343.204	12.604	343.20485	18 H25 N5 Cl	olidinyl]-1,2,4-oxadiazol-3	511241.5766	940801.85	786441.0339	1354493.891	831437.9075
335_347.080	7.835	347.08035	7 H17 N O5	l)-3-thienyl]amino}-5-oxo	321254.5606	22588.77436	21962.39521	20787.65484	22550.43017
75_328.1418	5.75	328.14186	7 H20 N4 O	nylbenzyl)-1H-pyrazol-5-y	1647118.467	3071783.007	5044111.953	5379084.296	4554077.95
231_398.178	4.231	398.17825	1 H28 N4 O	razol-5-yl]-1-azabicyclo[2	5887176.996	241913.8235	98818.1129	111891.7145	150388.8318
006_542.125	1.006	542.12508	30 H22 O16	xyphenyl)-2,2',3,3'-tetrahy	132450274.4	13794057.67	13239781.28	2856108.231	2516788.973
115_440.108	5.115	440.10852	22 H19 F N6	-pyrrolidinyl]-1,2,4-oxadi	1685980.711	553613.8978	531934.3995	264194.1086	582214.3307
406_271.178	5.406	271.17842	14 H25 N O3	β -oxo-2-decanyl)amino]bu	566487.2306	4831076.234	2564283.284	4433832.153	2883310.218
03_338.0977	2.03	338.09774	C16 H18 O8	lumbelliferyl- α -D-glucopy	3458232.779	5815364.699	7718818.131	5848749.402	7696191.514
738_456.222	5.738	456.22229	4 H32 N4 O	oxo-7,11-diazatricyclo[7.3	1991130.297	3146791.891	3623645.367	3092990.772	3058690.283
716_145.052	3.716	145.0529	C9 H7 N O	4-Indolecarbaldehyde	175108205.4	15920195.21	11090524.93	18699106.29	35967559.93
981_474.172	5.981	474.17284	C21 H30 O12	copyranosyloxy)phenyl β -	3699142.087	80496.14471	81608.83075	87124.56609	68350.8486
848_328.115	4.348	328.11542	C15 H20 O8	oxy-5-methylphenyl β -D-g	6273437.191	4218208.748	3896516.552	3899281.192	3790905.289
919_213.051	0.919	213.05167	C9 H6 F3 N3	oromethyl)-1H-pyrazol-3-	93533462.47	108479700.7	41007770.6	89811800.17	83224658.03
795_538.203	5.795	538.20358	C26 H34 O12	l)-3-(hydroxymethyl)tetra	4091712.916	10089297.4	9012521.876	9412345.228	8723628.252
223_309.087	2.223	309.08778	15 H11 N5 Cl	ol-4-yl)phenyl 3,5-dimeth	2297399.476	97527.98385	156288.9021	105089.0344	108253.2137
431_347.158	4.431	347.15804	C15 H22 O8	yl)-2-methoxyphenyl β -D-	1283287.872	176892.6655	53500.58903	106231.5361	48809.1328
891_529.289	7.891	529.28933	C26 H40 O10	O-Glucopyranosylandrogra	523289.8779	17804.83682	18515.23219	16316.79232	16538.14568
84_558.2674	7.84	558.26747	C26 H40 O10	O-Glucopyranosylandrogra	1908460.929	11222.53177	10008.21385	13098.33554	10042.60533
031_236.116	4.031	236.11616	12 H16 N2 Cl	hydro-1H-pyrrol-1-yleycl	120512377.3	4357672.306	4180474.388	3761730.216	4029000.07
349_348.266	17.349	348.26654	C22 H36 O3	methylene-7-oxodecahydr	3735131.165	15626353.98	12150389.14	12570989.07	14521305.93
484_386.194	5.484	386.19414	C19 H30 O8	β -oxo-1-buten-1-ylidene)cy	7235216.112	4270132.648	4301707.854	3551725.587	4303936.161
523_432.199	5.523	432.19903	C19 H30 O8	β -oxo-1-buten-1-ylidene)cy	40479898.88	56989902.05	53407324.25	54327939.39	51400479.79

667_206.042	1.667	206.0424	C7 H10 O7	β-(methoxycarbonyl)penta	14381117.08	2530374.726	4632525.905	3040547.169	3911186.299
874_349.077	0.874	349.07731	15 H13 N5 C	indazol-3-yl)amino]carbor	42133080.85	213137153.7	164348604.1	208512557.9	202907838
999_366.203	7.999	366.20378	C20 H30 O6	2H-spiro[naphthalene-1,2	746605.8005	339961.7339	313137.5707	316237.4611	275879.9863
924_492.342	21.924	492.34291	30 H44 N4 C	hydroxy-1,1,6-trimethyloct	1492130.49	3151769.203	2070620.013	7739965.133	4135486.114
684_381.163	2.684	381.1631	20 H23 N5 O	1-b][1,3]thiazol-6-yl)pher	22808816.75	3858280.775	3071822.917	2885214.485	3571413.65
857_422.082	23.857	422.0826	9 H20 N4 O	yl)benzyl]-3-pyrrolidinyl}	1088762.905	47674.73569	289142.7433	53034.5998	374154.9956
939_297.266	14.939	297.26672	18 H35 N O	Aminooctadec-4-yne-1,3-d	11271915.05	24725002.49	16713738.75	24006234.27	15568250.39
469_279.056	8.469	279.05658	16 H10 Cl N	hloro-4-phenylquinoline-3	794384.192	71810.44945	80276.5263	67752.27187	75037.84189
939_364.222	11.939	364.22258	C21 H32 O5	20 β-Dihydrocortisol	1338692.922	1622416.694	665126.9864	2522947.045	3701164.455
9_266.1266	3.9	266.12668	13 H18 N2 C	H-pyrrol-1-yl)piperidino]e	5417922.897	8981481.888	9088312.848	6755610.15	6377503.253
607_366.142	3.607	366.14232	17 H22 N2 C	yl)-2-morpholinoanilino]-2	25672569.43	7762981.411	21268256.59	12550739.55	7829614.777
194_596.295	13.194	596.29552	29 H38 N6 C	l-1-yl)methyl]-3,4-dihydro	11385990.15	35579404.93	29938844.44	26879291.52	38563419.99
516_339.189	4.516	339.18924	20 H25 N3 C	henylpiperazino)propoxy]b	9183357.969	5917962.892	6362656.264	4238972.484	3484992.508
644_455.170	7.644	455.17032	7 H25 N3 O	oxy)methyl]-4-phenyl-4H	667512.6833	76733.52685	70117.40238	60781.12054	71660.44126
49_301.1996	6.49	301.19968	18 H24 F N	ethyl)-3-pyrrolidinyl]-5-fl	7965622.521	30633795.24	22648187.58	27930467.97	23525677.18
134_315.204	5.134	315.20458	17 H25 N5 C	pyrrolidinyl]-5-(1-methyl-1	5478196.412	35777840.39	30084507.31	36812836.2	31003287.26
069_332.140	7.069	332.14058	15 H22 N2 C	dihydroxytetrahydro-2-fur	640736.8364	3246048.134	2316122.703	2078121.587	3031307.051
999_382.198	5.999	382.19867	15 H30 N4 C	oyl)amino]methyl}tetrahy	463900.4349	180302.5763	157744.6197	175746.4219	148987.8733
089_573.205	5.089	573.20548	H30 F N5 C	-1,2,3-triazol-1-yl}methyl	1791797.187	40279.25486	44684.39529	45106.47421	50096.23675
794_532.252	8.794	532.25239	C30 H38 O7	4a,5,6,7,8,8a-octahydro-1-	2162151.713	59777.28455	62214.43035	81555.17753	57051.78177
868_378.092	6.368	378.09269	H17 F3 N4 C	)-2-pyrimidinyl]-1,4-diaze	5655056.35	59412.57145	61355.45528	51972.73993	57426.00123
667_450.273	16.667	450.27384	24 H38 N4 C	o]methyl}-2-methyl-2-cyc	37559784.61	5877584.422	2923658.398	6032921.516	6216733.084
104_468.219	8.104	468.21982	2 H34 N2 O	ulfonyl)amino]methyl}-2-c	7642612.762	21291471.71	19005359.61	19438186.68	19829083.06
175_462.295	16.175	462.29587	26 H40 N4 C	yl}-5-isopropyl-2-methyl-	4313102.738	13053417.99	7939255.364	8283115.116	15033844.22
413_266.099	1.413	266.09953	11 H14 N4 C	hydroxyethyl)amino]-3-nitr	4972451.154	2133228.138	2075592.909	2221315.28	2073419.122
527_415.222	5.527	415.22214	21 H29 N5 C	pyrazol-4-yl)carbonyl]ami	3732860.57	255899.7951	531590.4733	288577.3953	238780.3138
893_374.136	7.393	374.13604	C20 H24 O8	4-hydroxy-3-methoxyphen	751194.7333	2279838.751	1190201.976	2872661.787	1946785.661
781_348.191	10.781	348.1913	C18 H30 O5	-dinor-11β-prostaglandin f	439525.067	2632353.868	1858299.657	1607962.176	1854421.509
844_308.198	11.844	308.19825	C18 H30 O5	2,3-dinor prostaglandin e1	1942818.353	28316230.68	18162669.48	36281948.53	21740069.68
864_268.167	9.364	268.16753	C16 H20 N4	cyclohexane-1,5'-cyclohexa	1147738.566	1849654.948	2115128.761	2884023.42	6141739.384
639_452.226	5.639	452.22633	C19 H34 O9	roxy-2,6,6-trimethylcyclo	266051.5401	93577.45459	41615.77631	102916.9403	59248.09021
514_262.131	4.514	262.1317	C17 H20 O	nylidene)-1,2,3,4-tetrahydr	6842281.505	1957362.418	1910486.689	1748372.132	1935603.701
411_173.105	5.411	173.10515	C8 H15 N O3	(Acetylamino)hexanoic ac	2521001.141	1718668.237	1466396.928	1418181.674	1659543.264

399_221.104	5.399	221.10492	C12 H15 N O	(2-(2-ethylamino)-4-phenylbutano	2055176.702	38252.69148	65295.85026	41877.68854	36738.78569
662_274.154	13.662	274.15452	C15 H24 O3	dimethyldecahydro-2-naph	1156793.477	5857661.153	7233942.133	9526241.578	7932561.602
681_252.172	13.681	252.17203	C15 H24 O3	dimethyldecahydro-2-naph	1506066.127	21225591.83	20640626.4	34080888.04	24585159.49
479_508.250	9.479	508.25079	C22 H38 O1	(2-phenyl 6-O-(6-deoxy- α -L-r	605744.9683	31267.64595	30705.08871	37537.98839	28029.82466
702_268.128	7.702	268.1287	C15 H16 N4	(1-pyrazol-5-yl)-5-(4-methyl	2870229.626	12022139.9	10271192.07	12779209.02	12592533.9
446_354.277	18.446	354.277	C21 H38 O4	1-Linoleoyl glycerol	104068979	309763533.6	245612699.3	289097948	334383524.3
499_415.217	10.499	415.21766	C22 H29 N5	(2-phenyl-4-pyrimidinyl)-1-a	1205138.401	9743822.663	8193507.801	10738136.44	11351426.73
141_172.088	9.141	172.08898	C12 H12 O	1-Ethoxynaphthalene	1250577.323	1860057.619	1888790.756	1368208.055	1951171.272
089_250.159	12.089	250.15973	C12 H26 O3	1-Dodecanesulfonic acid	10210040.99	17485204549	17576332748	20445032902	8184817257
808_324.193	11.808	324.19366	C18 H28 O5	2-octahydro-1,4,7,10,13-b	545458.393	3117361.097	2239512.804	2839404.202	2850282.379
257_292.203	15.257	292.2033	C18 H30 O4	13(S)-HpOTrE	4523622.405	13545942.3	9228272.105	16457430.98	13693858.86
397_348.191	12.397	348.19128	C19 H26 N4	(1-imidazol-2-yl)-1-pyrroli	2638929.784	12429993.05	13347746.35	17404175.5	19675719.96
304_337.197	6.304	337.1978	C17 H27 N3	(2-oxazol-3-yl)methyl}-3-c	1330783.319	216512.0275	342784.4095	195463.7984	316430.8454
645_303.158	5.645	303.15829	C16 H23 N3	(1,4-methyl-5-oxo-2-morph	3604341.749	3094686.123	4244594.067	3851517.578	5858788.45
282_496.250	9.282	496.25085	C22 H34 N4	(2-phenyl)-1-piperazinyl]-2-ox	1663522.307	67139.67275	67855.79958	77898.18408	66574.45814
527_445.246	13.527	445.24652	C26 H31 N5	(1,3,4-oxadiazol-2-yl	10353379.77	22061670.77	16478404.78	22594874.1	18848848.94
641_483.305	6.641	483.3059	C17 H38 F N5	(1-[[5-(1-piperidinylmethyl	958247.8617	820277.7449	553357.5971	507995.6269	671471.6742
766_308.107	12.766	308.1075	C19 H18 O5	(1,3,5-trimethyl-1-benzofur	1972104.75	2152685.167	2173732.657	1936231.687	1979701.242
165_422.303	16.165	422.3034	C26 H38 N4	(1,2,4-oxadiazol-5-yl)-1-azabicyclo[2	3983396.232	5058228.809	12034760.35	13360705.87	16293641.7
643_365.194	6.643	365.19498	C18 H27 N3	(1,2-dihydroxy-6,8-dioxabicyclo[3	604575.5634	683631.0974	1020504.342	937089.7206	896039.3708
629_332.198	6.629	332.19877	C20 H28 O4	(1,5-dihydro-3-furanyl)ethy	6086769.573	239046.4235	394456.4708	283396.4499	316255.4067
379_414.194	12.379	414.19435	C21 H26 N4	(1,2-dimethyl-2-oxoethyl]-2-[[4-(4-r	146987.0769	28001.24948	27689.09102	29447.23811	44166.34808
693_398.134	6.693	398.1342	C18 H21 F3 N4	(1,2-difluoromethyl)pyrimidin-2-	4593062.901	14706813.23	17042943.93	11637073.97	15603769.52
168_516.289	5.168	516.28955	C28 H40 N4	(1,4-morpholinylmethyl)-1,2-	7457435.407	63397.19078	50347.29879	63084.61376	51581.66785
322_468.225	15.322	468.22542	C25 H30 N6	(1,2,4-oxadiazol-3-	26150606.7	19705067.75	15726716.81	13513981.45	27078827.8
011_458.273	6.011	458.27332	C27 H34 N6	(2-phenyl-1-piperazinyl)methy	863332.2629	96765.96669	151437.4004	110827.7338	112394.8632
173_388.222	14.173	388.22261	C21 H34 O5	(2-cyphenyl)-12-hydroxy-2-tr	2378737.244	5209159.615	3510665.237	6671778.759	6383361.656
019_260.119	6.019	260.11957	C14 H16 N2	(2-phenyl)dihydro-1H-pyr	17990388.36	8637527.175	7175225.712	5928619.317	7167978.784
021_471.304	6.921	471.30485	C29 H37 N5	(1,2-dimethyl)-1-azabicyclo[2.2	415337.9979	601546.6563	696572.0827	719234.7267	643119.7798
115_419.179	5.115	419.17931	C22 H27 N3	(1,2-oxazol-3-yl)methyl]-3-	19185085.64	6391127.851	7044659.48	5126008.638	8171119.085
354_278.162	5.854	278.16275	C15 H24 N2	(2-hexylamino)-3-oxetanyl]r	7123661.347	9857766.477	13765014.22	12021352.5	12952666.97
275_372.103	6.275	372.10326	C19 H18 N4	(1,3,4-oxadiazol-2-yl)-1-pyrro	871544.2414	45255.05641	49359.13243	38675.6911	44785.415
167_512.209	6.167	512.20938	C27 H32 N4	(1,2-dimethyl-1h-pyrazol-5-yl)-1-azab	4110060.747	116655.825	129388.2479	130561.7284	106445.5467

539_394.196	7.539	394.19683	20 H28 N4 C	razol-5-yl]-1-azabicyclo[2	861440.9572	58431.39008	58636.12659	51553.84896	55305.83647
527_530.267	13.527	530.26717	32 H36 N4 C	zol-5-yl]-1-azabicyclo[2.2	3978815.011	17609581.68	2495446.748	25442620.85	14266591.56
92_388.1774	4.92	388.17748	C18 H28 O9	anosyloxy)-2-penten-1-yl]	3668677.246	847864.3055	591656.1275	654823.928	657056.0826
291_465.257	8.291	465.25757	C21 H36 O1	(R,4R)-3,4-dihydroxy-4-(hy	892572.271	1091116.196	983670.1333	899728.4727	1035709.486
929_448.234	4.929	448.23479	C21 H36 O1	(R,4R)-3,4-dihydroxy-4-(hy	518092.3752	1864884.038	2454973.881	3355647.906	2507857.962
529_547.299	6.629	547.29974	C26 H42 O1	ucopyranosyloxy)-6,7,17-	1880079.57	44324.37734	42942.59013	38423.78909	43508.27701
153_252.172	10.153	252.17261	C15 H24 O3	l)-3,4a,8,8-tetramethyl-4a,	2693186.887	8528434.098	7605534.636	10298776.29	8448816.62
785_334.159	19.785	334.15951	17 H22 N2 C	-4-(2-methoxyethyl)hexah	15876840.06	26705287.36	22119908.4	22046373.79	25327693.7
489_372.236	6.489	372.23684	C23 H32 O4	4-Dihydroxycarda-5,20(22	2530112.435	5004878.678	5225253.881	6134781.149	5016282.554
135_198.125	11.135	198.12576	C11 H20 O4	oxyhexyl)-4-(hydroxymet	3140915.509	15511705.51	15866550.18	19169539.91	17907428.18
364_396.118	7.364	396.11858	9 H17 F3 N4	ethyl)-1h-benzimidazol-2-	444924.6294	699266.2014	466928.0291	799235.3258	692928.3131
827_320.235	15.827	320.23506	C20 H32 O3	thyl-4-oxo-1,4,4a,5,6,7,8,	758312.5916	1674709.161	1475362.098	1484906.741	1646254.216
292_432.227	14.292	432.22709	24 H28 N6 C	-pyridinyl)-1H-1,2,3-triazol	13109562.79	67409660.72	36909525.07	46283332.24	75832170.49
88_470.1991	4.88	470.1991	24 H27 F N6	3-triazol-1-yl]methyl}-N-(	655428.0592	37697.73713	45446.51652	44121.87191	39590.33551
027_240.061	7.027	240.06103	C11 H12 O6	methoxy-3-methyl-3,4-dil	11707112.01	2046931.983	1816717.404	1573168.409	1974064.856
049_496.214	5.049	496.21471	6 H29 F N4	oxy]benzoyl}amino)-n-(4	6330288.464	2285031.297	2471189.143	1517238.85	1529813.776
92_334.212	12.92	334.21205	C20 H30 O4	5,8a-trimethyl-2-methyl	3246132.537	15681968.96	11713510.35	15048034.88	12836497.53
582_264.136	5.582	264.13618	C15 H20 O4	dimethyl-3-methyleneoctal	17853259.03	15805813.91	16763575.79	13119652.07	16576745.42
047_422.228	13.047	422.22811	22 H32 N4 C	holinyl)-3-oxopropyl]octa	1053374.22	4614297.797	3938626.974	5006827.006	4741620.173
724_390.238	13.724	390.23831	19 H30 N6 C	3-(4-morpholinyl)-3-oxop	3822013.167	7699610.011	6010256.057	9615479.057	7870021.708
889_374.231	1.889	374.23179	18 H32 N4 C	nyl]-3-oxopropyl]-1,6-dir	6767115.37	1265431.061	613754.0159	779743.6411	709083.6912
313_312.087	2.813	312.08741	C14 H16 O8	henyl)-2-propenoyl]oxy}-	7042610.017	8955434.227	10333986.31	8004250.88	8408771.87
559_522.267	5.559	522.26774	25 H38 N6 C	-2-propanyl]-N1-isopropyl	469919.9421	464264.9851	897321.2942	630017.3044	852345.9404
795_357.105	6.795	357.1056	15 H19 N O	dihydro-2H-1,4-benzoxazi	878588.7151	2065197.045	1610269.45	1920316.819	1650320.628
849_317.273	12.849	317.27376	C21 H35 N O	iperidin-1-yl)hexadeca-2,	9853502.272	18564418.72	15650775.09	17551720.8	13477572.14
821_393.321	16.821	393.32189	24 H43 N O	eroxy-n-(2-methylpropyl)j	1847253.153	2311921.365	2327177.893	2244507.484	2301606.405
361_488.152	4.361	488.15202	C21 H28 O1	ethyl)tetrahydro-2-furanyl	4363859.424	242791.144	292256.6438	218948.6066	113745.0683
582_286.102	4.682	286.10282	C20 H14 O2	nzoylphenyl)(phenyl)meth	1074457.017	219586.5501	189866.7496	177492.0296	190805.0375
146_270.182	11.146	270.1825	C15 H26 O4	)-5,5,8a-trimethyl-1,4,4a,5	2406031.416	31969738.64	48659472.86	42926159.29	35302754.5
021_724.389	15.021	724.38944	C38 H60 O1	rihydroxy-9,10,14-trimeth	3461447.866	9891378.687	7503652.92	10295721.46	8447986.287
927_436.186	12.927	436.18629	5 H29 Cl N2	clohexylcarbonyl)-7,11-d	3002576.94	5998714.817	3475242.644	5897250.34	6365574.281
117_447.210	5.117	447.21055	4 H28 F3 N3	oromethoxy)phenyl]-7,11	3820690.835	2070322.968	2626759.125	1601722.149	2057271.171
318_448.277	5.818	448.27738	27 H36 N4 C	ylamino)methyl]phenyl]-7	1556210.809	500067.1949	329946.746	378302.4404	350629.8288

264_424.128	12.264	424.12898	H21 F N2 C	ylsulfonyl)-7,11-diazatricy	25118903.32	38374747.49	41864895.29	36503727.4	37978466.72
854_330.180	11.854	330.1807	C20 H26 O4	ethyl-9-oxo-3,4,10,10a-tet	1156163.455	4093143.237	3376903.137	4621705.316	3760565.123
719_275.186	12.719	275.18614	17 H25 N O	ntylmethyl)amino]-4-phen	4404537.441	2790223.932	3326114.964	2296208.94	1723472.431
499_330.240	10.499	330.2402	C18 H34 O5	,13-Trihydroxy-15-octadec	161439051.8	1485056546	909767487.6	1671542753	1292114232
898_312.229	12.898	312.22954	C18 H32 O4	(+/-)-9-hpode	6047696.768	107109135	75348233.74	118560958.2	85791984.6
824_314.245	13.824	314.24518	C18 H34 O4	-dihydroxy-12z-octadecer	2987410.427	31247724.68	23455154.59	38247317.96	26644303.48
.67_296.234	15.67	296.23463	C18 H32 O3	(+/-)-9(10)-epome	6995254.567	212639492.2	27303632.71	72973179.65	172536456.9
163_448.140	11.163	448.14077	5 H24 N2 O	icyclo[7.3.1.02,7]trideca-2	850888.5606	2545320.367	3054750.63	3122062.841	2274248.584
115_405.345	13.115	405.34547	22 H47 N O	Hydrolyzed fumonisin B1	2215942.931	3580369.009	3216820.392	3699980.623	3107256.855
187_244.069	1.187	244.06906	9 H12 N2 O	Uridine	47403376.03	599493552.7	548196104.9	651615578.8	566239626.5
339_242.089	1.839	242.08982	10 H14 N2 C	Thymidine	8577167.404	13835262.07	16906272.76	21883599.12	16807243.41
202_283.091	1.202	283.09155	10 H13 N5 C	Guanosine	102797583.3	85224935.83	90081991.36	70840670.24	89562807.86
14_347.0628	1.14	347.06285	0 H14 N5 O	denosine 5'-monophospha	3870343.613	17754703.15	16841279.35	13369542.61	9995272.882
177_267.096	1.177	267.09664	10 H13 N5 C	Adenosine	1898722585	3631600846	3651154616	3052576760	3236745880
176_135.054	1.176	135.05457	C5 H5 N5	Adenine	127241542.6	218126066.6	222980501.7	195150103.8	205859735.7
196_135.054	1.196	135.05443	C5 H5 N5	Adenine	2222609.662	20757209.11	26706502.87	25758450.68	22830415.38
24_251.1017	1.24	251.10179	10 H13 N5 C	2'-Deoxyadenosine	14801907.76	30832417.55	23933373.46	26157409.31	32150571.2
799_297.089	3.799	297.08953	1 H15 N5 O	-S-Methyl-5'-thioadenosin	49719790.9	68022977.43	53368020.45	52848133.48	51171595.53
15_309.1069	1.15	309.10698	0 H14 N5 O	nosine monophosphate (3'	49137264.59	11304971.75	13222513.96	7608015.782	8724028.967
348_174.016	0.848	174.01633	C6 H6 O6	trans-Aconitic acid	605130013.2	240409965.4	180509667	233719234.5	212894427.5
258_118.026	1.258	118.02669	C4 H6 O4	Succinic acid	265256941.5	1482048966	1364656261	1521313686	1372437310
047_299.282	19.047	299.28219	18 H37 N O	Palmitoyl ethanolamide	14433685.35	38952176.13	29456129.24	30496952.73	43325079.72
541_294.185	14.541	294.18593	14 H30 O4	Myristyl sulfate	4622553.574	16981897.01	15434957.91	24454217.99	16656607.09
309_116.047	1.809	116.04733	C5 H8 O3	Levulinic acid	6811829.372	6779187.155	4008646.705	5565490.184	4643708.677
353_192.026	0.853	192.02686	C6 H8 O7	Isocitric acid	11449184053	2531740728	2486881920	2726906109	2075192720
371_116.010	0.871	116.01098	C4 H4 O4	Fumaric acid	207906144.6	1164343769	2192711600	1128245144	1300781652
19_148.0371	1.19	148.03716	C5 H8 O5	D- α -Hydroxyglutaric acid	15403679.94	26227095.09	19872283	24257128.76	17370898.13
186_192.026	1.186	192.02687	C6 H8 O7	Citric acid	6378101029	3247414492	2563223777	2707689093	2297291909
345_146.021	0.845	146.02138	C5 H6 O5	2-Oxoglutaric acid	10964118420	2712260075	2594355726	3046680700	2351789338
907_102.031	0.907	102.03172	C4 H6 O3	2-Ketobutyric acid	44963621.72	36598542.55	29117651.32	50935894.64	37695341.05
725_192.115	13.725	192.11533	C12 H16 O2	Senkyunolide A	1448357.325	1399332.914	4707062.484	1596448.177	1765049.825
369_309.105	0.869	309.10558	12 H15 N5 C	Diacetylcyclovir	35586247.32	69524920.16	108192165.4	112175713	72504939.65
142_347.062	1.142	347.06298	0 H14 N5 O	denosine 5'-monophospha	45167443.05	14814331.07	14156507.09	9325392.379	10205660.39

874_147.089	0.874	147.08958	C6 H13 N O3	4-Hydroxyisoleucine	42491553.6	34387001.09	33388702.5	32181045.89	36224005.43
415_213.986	5.415	213.98624	C4 H F7 O2	Perfluorobutanoic acid	430779.5045	1063539.854	576446.7242	1211257.933	657419.3998
761_307.145	13.761	307.14512	6 H22 Cl N3	Tebuconazole	460929.3407	3663.867871	4727.282442	4177.830756	4568.78784
824_318.068	4.824	318.06835	5 H14 N2 O4	Pyrifitalid	1372997.244	2049370.77	3193739.361	3402336.674	2380175.369
868_257.071	6.868	257.07173	11 H15 N O4	Propachlor ESA	512030.1073	497063.8299	711591.9865	700732.833	469176.9212
916_229.167	17.916	229.1679	12 H23 N O	Icaridin	1540515.531	197460.0502	200378.4015	216165.8979	80890.28847
314_303.252	20.314	303.25261	C20 H33 N C	Fenpropimorph	12945961.7	7101384.332	14250114.14	15330918.99	17670635.08
681_209.152	6.681	209.15294	11 H19 N3 C	Dimethirimol	771258.8357	55224.29641	51593.81365	44382.97617	53694.77609
114_321.073	1.114	321.07386	2 H19 N O5	Dimethenamid ESA	5745581.476	37852054.11	71715598.21	59067509.52	66936601
893_262.009	0.893	262.00901	6 H15 O5 P S	Demeton-S-methyl sulfone	150009301.5	559092890	574140588.5	496992398.7	637036534
986_300.120	3.986	300.12048	C14 H20 O7	Salidroside	26979560.48	7392647.86	6680720.611	6373092.07	5873251.718
074_126.031	1.074	126.0317	C6 H6 O3	Phloroglucinol	166189094.5	156528545.3	131737678.8	142081606.5	150592591.5
576_482.140	8.576	482.14025	C20 H28 O12	Paeonolide	2477853.201	1777689.355	1798781.611	1290495.483	1731634.063
525_460.157	8.525	460.15724	C20 H28 O12	Paeonolide	8134185.968	16456760.97	14643588.39	15449136.46	14835792.7
899_166.063	0.899	166.06316	C9 H10 O3	Paeonol	2052092.556	3690922.919	1782165.578	2297133.485	3426400.506
228_286.104	4.228	286.10476	C13 H18 O7	Orcinol glucoside	9425920.825	1002868.101	658016.469	695656.766	743150.9671
229_448.157	5.229	448.15737	C19 H28 O12	Orcinol gentiobioside	38417301.14	8964502.408	8046161.311	7593923.402	8898988.789
066_462.172	6.066	462.17291	C20 H30 O12	Forsythoside E	11664144.81	6052591.394	5263274.961	5489490.118	5421167.114
806_326.151	7.806	326.15182	C20 H22 O4	Dehydrodiisoeugenol	1014318.569	737572.7286	843184.8017	529546.8562	760312.2771
141_328.115	5.141	328.11544	C15 H20 O8	Androsin	2391542.371	1202680.838	1111520.451	1068939.19	1104808.239
681_139.026	7.681	139.02688	C6 H5 N O3	4-Nitrophenol	4810097.194	20329724.17	18027864.68	22380548.67	17008950.85
88_151.0633	0.88	151.06335	C8 H9 N O2	4-Acetamidophenol	9905620.921	7683997.129	9721985.654	7081478.001	15758478.1
58_403.1455	2.58	403.14554	H26 Cl N3	Perphenazine	5769868.127	201985.9083	158701.4896	154245.4325	233804.3029
92_247.154	10.92	247.15488	15 H21 N O	Meperidine	308272.4498	241812.0036	193799.4218	467612.5285	214960.547
554_377.158	5.554	377.15882	H25 Cl F N	Haloperidol metabolite II	13992121.56	6607900.367	6863929.683	3767530.026	8032886.764
482_206.130	5.482	206.13083	C13 H18 O2	Ibuprofen	15549801.73	9467908.271	9581616.925	7621626.546	9642617.932
225_166.062	6.225	166.06284	C9 H10 O3	3-Phenyllactic acid	791824.9988	553679.8335	145051.3592	128976.7119	215986.5232
877_199.084	0.877	199.08457	C9 H10 O4	Dihydroxyphenylpropionic	98124673.12	65503128.33	115602395.9	77844047.22	79292252.56
095_148.052	2.095	148.05236	C9 H8 O2	trans-Cinnamic acid	15212704.97	13851136.67	10098582.25	11826789.53	9859303.427
871_132.057	4.871	132.05762	C9 H8 O	trans-Cinnamaldehyde	15248028.47	48778.22185	45944.89891	40436.46862	42784.89205
181_548.172	5.181	548.17257	C23 H32 O15	Sibiricose A6	1663795.352	45730.65925	53792.39662	50724.2663	46838.03107
663_518.162	5.663	518.16233	C22 H30 O14	Sibiricose A5	1474313.13	37884.87738	41425.89988	41751.56155	38103.84682
833_342.131	5.333	342.1311	C15 H20 O6	Rosin	5997715.828	134340.2961	142221.8999	53108.07721	46699.2797

188_786.260	6.188	786.26075	C35 H46 O20	Purpureaside C	810936.4142	31997.88342	38747.11308	36499.94822	30924.01802
716_770.265	6.716	770.2659	C35 H46 O19	Poliumoside	699465.9708	31197.37004	32008.26396	34226.0542	28808.68464
039_222.052	1.039	222.05271	C11 H10 O5	Isofraxidin	5984584.389	9280199.654	12568559.17	8990790.278	7933683.665
543_222.052	5.543	222.05255	C11 H10 O5	Isofraxidin	4336792.323	30267825.04	27023352.92	27518040.1	26653090.4
736_194.057	5.736	194.05766	C10 H10 O4	Ferulic acid	808113.6257	272055.5707	257821.1139	204324.2492	262554.1785
878_178.063	7.378	178.06312	C10 H10 O3	Ferulaldehyde	2499182.067	6281710.114	4663725.094	6243113.4	6846020.628
465_178.062	7.465	178.06288	C10 H10 O3	Ferulaldehyde	1983651.579	8352932.88	6185274.763	6805374.456	7568799.205
871_418.146	5.371	418.14691	C17 H24 O9	Eleutheroside B/Syringin	1921634.967	33061.1543	34487.74525	35051.65913	29490.97582
849_328.079	3.849	328.07943	C14 H16 O9	Bengenin	2676062.332	60105.88921	64751.97084	53995.73467	60211.3016
184_164.047	6.184	164.04727	C9 H8 O3	4-Coumaric acid	7290460.299	6697440.324	9654205.339	4670104.481	4318427.344
186_164.047	1.186	164.04743	C9 H8 O3	2-Hydroxycinnamic acid	272498706	182045397.9	175553695.5	153517454.6	192497782.3
162_183.126	7.162	183.12609	C10 H17 N O	Methyprylon	333514.3353	74110.62344	66346.38345	91866.6185	62408.77828
772_276.170	12.772	276.17013	C17 H24 O3	Shogaol	1013509.642	1360508.212	1365404.107	1089645.888	1330569.217
894_420.141	7.394	420.14147	C21 H24 O9	Rhaponticin	452109.2302	1368009.772	725301.5322	1710129.754	1203378.688
044_442.145	8.044	442.14527	C22 H24 N2 O	Oxytetracycline	1505183.849	70107.2813	70322.19685	59341.47664	64865.75749
256_162.068	5.256	162.06812	C10 H10 O2	Methyl cinnamate	85723124.06	48613.89549	123567.5499	265336.3133	183337.8547
88_320.0855	0.88	320.0855	C7 H12 Cl2 N4	Hydroxytriazolam	6829524.751	4472871.044	2164420.634	3952955.54	5161928.322
957_266.154	12.957	266.15456	C12 H26 O4 S	Dodecyl sulfate	14169606.14	56971971.83	54346716.81	84804198.57	52597184.12
094_770.489	9.094	770.48973	C18 H22 N2 O	Azithromycin	2512096.723	141016.5121	44100.96087	134924.7047	50854.21214
142_376.113	9.142	376.11345	C19 H22 O9	Aloesin	2550268.765	3960781.635	3964745.985	2974396.75	3956780.244
041_276.172	16.041	276.17259	C17 H24 O3	6-Shogaol	1031898.995	702229.2609	1340115.216	1693704.41	1146374.978
435_208.073	7.435	208.07369	C11 H12 O4	4-Dimethoxycinnamic acid	1318184.895	246106.4693	281032.289	193183.2994	263770.69
217_219.110	2.217	219.11073	C10 H13 N5 O	trans-Zeatin	65764743.77	139774162.6	72206062.13	75092251.49	129080254.9
765_298.152	12.765	298.15206	C15 H18 N6 O	Olomoucine	1362210.298	1496084.96	1551384.67	1219632.586	1151647.813
865_149.068	0.865	149.06882	C6 H7 N5	N6-Methyladenine	48204425.17	178637495.4	100321516.9	172051836.4	166698252.6
502_165.065	1.502	165.06511	C6 H7 N5 O	7-Methylguanine	3422897.54	5675445.238	4464871.354	3589468.937	4334373.064
773_174.079	5.773	174.07945	C10 H10 N2 O	Edaravone	3002779.023	1043.029592	1354.375484	1156.604119	1196.780468
928_381.075	0.928	381.07533	C14 H14 F3 N3 O	Celecoxib	1209984294	85519154.42	74054560.02	97954090.93	66230267.17
206_240.147	1.206	240.14731	C12 H20 N2 O	Pirbuterol	37910940.06	19071105.42	17049183.42	16457610.64	14586139.86
966_382.144	9.966	382.14437	C22 H23 Cl N2	Loratadine	2823199.509	9885300.401	9549433.177	11428052.01	10711665.65
726_129.057	3.726	129.0579	C9 H7 N	Quinoline	5605165.802	957846.8071	1124173.314	1065098.094	912922.7527
847_217.146	7.347	217.14678	C14 H19 N O	Ethoxyquin	357393.996	802819.0796	725520.9069	776538.1351	945446.3352
872_278.093	1.872	278.09368	C18 H14 O3	Dihydratanshinone I	13803052.24	1936421.212	1681778.921	1177251.047	1275869.539

144_309.303	22.144	309.30328	C20 H41 N O	N,N-Dimethylsphingosine	1521474254	1510262934	412452940.3	1524913384	601015633.1
982_317.292	12.982	317.29297	C18 H39 N O	Amino-1,3,4-octadecanetri	89185244.25	177769832.7	128566266.3	184143398.5	128617707.2
653_392.232	17.653	392.23285	C26 H32 O3	Testosterone benzoate	7688627.157	15949491.93	9676745.642	11201269.2	12856100.32
232_372.273	5.232	372.27362	C23 H36 N2 C	Finasteride	1304062.039	92651.88898	211336.3747	145430.0206	114747.7679
709_306.219	17.709	306.2195	C19 H30 O3	11 β -Hydroxyandrosterone	2190212.207	9060875.076	2798215.466	11961420.34	11060379.66
63_286.1933	6.63	286.19331	C19 H28 O3	11-Oxoetiocholanolone	3285013.465	101462.5765	98946.19235	87860.45712	98598.99921
466_434.214	5.466	434.21498	C24 H31 F O	Paramethasone acetate	2381512.051	192025.4341	432750.7159	211141.2258	160125.5052
48_288.172	12.48	288.17253	C18 H24 O3	Estriol	497142.3957	1500620.882	1392145.446	1656230.43	1538339.695
139_330.217	17.139	330.21708	C21 H30 O3	Desoxycortone	1317204.819	3017801.826	1358828.344	4264591.296	4642011.602
794_548.305	4.794	548.30553	C30 H44 O9	Cymarine	372749.8851	11052.2201	11699.53038	12547.61461	10617.73208
519_346.212	15.519	346.212	C21 H30 O4	Corticosterone	2782397.654	8914105.713	3121228.448	12747218.68	13794006.95
138_290.224	17.138	290.22461	C19 H30 O2	5 α -Dihydrotestosterone	2273911.376	5505905.824	2343046.605	8190951.708	8685052.447
109_428.129	7.109	428.1296	C17 H26 O11	Shanzhiside methyl ester	3865075.389	64396.15334	70301.41284	54526.47758	67459.52635
365_356.126	7.365	356.12604	C20 H20 O6	Sauchinone	410702.7906	745326.788	419908.6274	829888.0153	729017.9368
233_570.179	6.233	570.17938	C21 H32 O15	Rehmannioside A	1217102.647	37228.5408	42325.51595	41726.89032	35651.78219
313_512.150	6.813	512.15097	C23 H28 O13	Picoside II	1173981.313	252747.8071	270485.6223	209175.6983	240886.3525
487_376.136	4.487	376.13658	C16 H24 O10	Loganic acid	4411840.472	449283.0912	407374.6086	460805.5874	396126.7406
862_332.161	10.862	332.16185	C19 H24 O5	Gibberellin A4	668136.873	542797.5615	488543.7743	534485.3988	456526.6094
232_218.167	15.232	218.1671	C15 H22 O	Germacrone	4196505.84	18518469.69	15375631.32	21778841.3	17535999.05
284_388.136	5.284	388.13632	C17 H24 O10	Geniposide	33155073.66	237823.7039	945837.1508	328179.6783	147689.2343
07_550.1883	5.07	550.18836	C23 H34 O15	genipin 1-O- β -D-gentiobiosi	1327352.65	32417.13251	36335.65635	38092.48034	31331.92418
141_232.110	9.141	232.11004	C14 H16 O3	Fraxinellone	6855383.064	9962029.631	11058899.55	7801953.423	10546853.26
631_552.270	13.631	552.27044	C32 H40 O8	Euphorbia factor L1	2959530.437	56895.31802	110222.5336	74186.76336	81096.58008
405_284.161	10.405	284.16181	C15 H24 O5	Dihydroartemisinin	406731.2459	7092979.049	6225953.069	7780140.1	5999129.983
961_148.088	9.961	148.08895	C10 H12 O	Cuminaldehyde	450880.1234	2201947.244	1371889.298	2011543.668	2050476.72
71_362.1209	3.71	362.1209	C15 H22 O10	Catalpol	2779591.599	797657.5764	504416.7071	1303912.977	661614.4694
237_494.235	8.237	494.23526	C21 H36 O10	Atractyloside A	1604588.739	5009199.199	4439824.987	4950818.43	5262326.105
662_234.162	13.662	234.16205	C15 H22 O2	Artemisinic acid	3046143.708	17134848.57	22523648.73	24538576.74	25527305.02
573_246.125	8.573	246.12563	C15 H18 O3	Arglabin	4665742.393	8108048.491	8246781.044	6504525.891	8374062.613
258_350.209	13.258	350.20925	C20 H30 O5	Andrographolide	446499.3754	1789472.109	1605403.137	1654805.731	1532510.699
431_528.342	20.431	528.34235	C32 H48 O6	Alisol C 23-acetate	3139517.354	7432825.52	6341728.385	11234261.8	6707350.723
08_348.1416	6.08	348.14162	C15 H24 O9	Ajugol	2182868.018	67389.31786	81904.09989	99379.74843	132401.9018
085_376.151	6.085	376.15169	C20 H24 O7	Ailanthone	3566643.411	46909742.55	44184817.94	44364952.73	44173932.61

11_423.1742	7.11	423.17427	C17 H26 O1	8-O-Acetylharpagide	2984078.949	173388.1428	81386.72502	69191.99852	83182.40683
155_424.134	5.155	424.13462	C20 H24 O10	(2-propanyl)-2,4,14,19-tet	7668748.443	3794525.366	1867847.138	2696548.064	2353094.157
1715_330.094	3.715	330.09459	C18 H18 O4	fonylbis[2-(prop-2-en-1-yl]	645599.2475	10867.6051	24061.92454	12551.25082	21186.55418
1828_184.011	8.828	184.01181	C6 H4 N2 O5	2,4-Dinitrophenol	458797.9091	8615073.789	7606885.784	8104471.258	6412265.661
155_169.073	1.155	169.07393	C8 H11 N O3	Pyridoxine	21347776.68	51978467.99	49255349.34	45788593.26	52765671.16
134_219.1103	2.34	219.11036	C9 H17 N O5	Calcium pantothenate	43517542.34	124573720.5	179692803.6	114522728.2	131019787.9
147_176.0319	1.47	176.03195	C6 H8 O6	Ascorbic acid	1706537.473	13393236.12	8044736.3	14149020.76	17074728.18

Area[M5D-5]	Area[M5D-6]	Area[M15D-1]	Area[M15D-2]	Area[M15D-3]	Area[M15D-4]	Area[M15D-5]	Area[M15D-6]	Area[M25D-1]	Area[M25D-2]
34706.70789	33787.20515	70454.99324	59042.7925	54468.36592	45466.68983	47269.71807	41508.73944	46860.43856	39601.17577
1411367.318	2500563.87	1850840.522	1527932.876	1179797.266	1170419.793	718400.3191	747230.5612	925752.5067	822941.5492
459113.7198	256156.9503	438981.3484	314613.2798	364724.3845	306516.8666	477026.5041	426932.3716	5462814.154	4684886.608
220377124.2	174828726.8	403081512.7	256789160.6	331621336.8	235513388	259294083.3	334926783.9	494523133.8	320954878.7
10031408.21	4043713.886	710671.0218	1163876.545	1134671.31	1633489.038	1878757.264	571280.2205	1690565.939	1538602.838
8954023.284	7935588.412	6736429.994	2103331.163	4084297.868	9123108.152	7271339.515	11494564.8	9660781.98	7998977.071
6110586.6	6358611.999	6645231.811	5034572.345	5007296.93	4425363.257	3637454.019	3590967.21	4567950.1	3938658.674
5229771.387	4299025.799	4519693.504	4713714.315	3504784.547	4211368.837	3719798.887	3462169.746	2123549.903	1874108.593
109465732	101517170.7	106739363.7	87764012.82	95814836.35	119667433.6	102193122	106013991.4	25458075.19	23923256.18
109268.4311	36991.37768	78877.43373	43218.81699	61404.79014	84958.21154	70180.44634	86601.47747	52781.33488	55002.20182
9138034.943	7048670.94	5612823.416	4110042.164	1895305.36	2188689.208	956026.7951	650668.561	397559.5594	628879.1945
79665.00719	72903.63362	166338.9396	163348.7543	77580.56932	95113.72761	108048.874	79717.6771	256824.5821	191938.0252
344293.0995	283432.4847	202582.5475	82829.95104	93282.88001	67493.90444	79886.19742	78789.31615	136244.7527	363816.6293
64303.69653	60375.42742	104549.3909	84260.05336	81971.56976	69858.73379	66738.12835	70297.09601	65145.30161	103649.0578
527356.6011	973924.878	880292.8019	795903.0317	919064.5609	939278.0266	1216879.386	724735.6564	750262.943	619442.139
465504756.4	389255457.2	506400055.4	454643945.2	588565141.6	579596461.9	561660220.1	609583442.7	353968955	422645773.5
209677412.4	174739154.8	193840701.6	259228348.8	237916091.6	266021361.9	297607608.6	238732988.3	151559986.9	156997437.3
26613.15595	27094.26955	50917.11506	56114.12822	31046.62599	48029.34257	39616.26059	27540.70831	15449.1224	20716.52298
192130.0588	86741.44131	6093024.023	4123991.439	2565361.723	1768717.392	1708077.488	1416275.662	1905514.24	1403711.991
313292.8038	763822.2049	510229.0192	483505.5563	621511.4446	285330.7026	475155.2167	151468.9835	102138.2027	243868.6811
87119333.33	49764652.66	6634938.79	9803700.799	14235558.46	15519635.75	23215531.22	13790066.6	13724787.03	19562583.59
6912170.063	9231159.019	15216035.73	12337379.66	12111590.94	9756530.985	9817970.191	8462481.19	1777550.796	1565920.393
6938157.601	8836343.251	6153103.383	7282712.242	10627554.74	9034387.705	8332772.245	16029246.87	7566523.375	9423235.951
260968.9132	174286.8229	196918.6871	237973.2968	392602.7216	248400.3993	729106.8651	448731.7481	10850301.22	12311747.91
13209858.19	19687887.63	64781874.75	53133469.61	34299589.29	24856172.57	22289719.55	19668117.72	99580925.02	116743560.2
3327316.633	4865721.228	2959159.149	2466119.53	2667413.788	2584999.701	3614719.311	2507082.016	2927715.689	2580041.421
7739642.627	4409475.826	929034.6924	1346137.13	1501350.649	1999693.068	2548560.982	1412050.168	1880517.571	3263803.199
127576919.6	75861213.16	12672478.12	18920686.42	25136195.68	27356747.34	39083824.3	24516035.92	18350782.55	28183773.01
2016715.824	1161117.21	211596.0639	271295.1654	358968.185	363658.0011	372580.8015	223200.3914	45983.17563	68159.04772
1140654.919	1163943.939	5060640.256	5241261.403	4250631.328	4218831.104	3767297.064	3366223.381	3407952.69	3927511.623
59046769.22	64285313.64	83978835.63	74145883.1	83726198.48	68512322.22	72965370.19	80201257.17	120166328.8	109572921.5
43347659.67	35608806.56	31962073.96	42817229.64	47691731.81	51494356.56	46904306.93	46210638.67	15586658.18	16887052.2

289044960.8	230406036.2	527779011.5	431784168.8	393509040.8	329791927.9	374403811.9	360441072.5	536623428.9	512424861.1
928423005.5	1088995226	1552269689	1866248576	1816113395	1785957440	2081871674	1756546718	2598517013	2424812295
853648374.5	1031211622	949727144	908155422.6	892127236.7	666777132	1138524392	848994370.8	1083163414	811588167.6
437184131.2	463141346.3	258644147.6	248604940.6	274280349.5	405199748.9	398923491.1	352027685.4	250589891	243112799.3
168498497	155806300	175103978.3	143289749.8	162202562.8	126197510.9	139000548.9	127763971.4	169708429.9	136025907.1
6144662.764	5454681.178	4506664.957	4081036.509	7098821.73	4851155.884	6243659.314	5883174.395	6263365.473	7087285.977
24547069.9	14853752.84	10094142.59	20069093.96	20220186.31	34577026.99	23294943.12	30058873.85	24757881.59	20964342.6
9730982.759	23288411.47	10855506.05	12377978.77	17942291.61	8456872.805	8512598.539	5375147.498	23901338.19	17842549.59
59759.10674	62020.60665	46394.51599	50578.32059	60423.57648	60865.53482	57991.60166	62999.51929	44305.19045	58146.26665
28010584.47	15888594.63	43050541.62	54506865.5	3811048.224	23146650.31	19768031.02	3186130.506	40618538.47	19351328.18
168940800.9	124597994.1	218433446.9	274007571.1	283864783.4	324849094.8	396848352.9	450188245.9	109096727.5	123906046
2543580293	4830457381	1106990884	1989530248	2072514373	2660140405	1592535542	2209347815	1223830115	1961928472
581998181.3	186927924.9	480181063.3	38155494.82	442622626.1	871706013.9	383173743	17175425.36	574753295.6	468784855.6
94103783.68	90297254.45	152267852.2	133536290.8	110173548.4	95055458.49	110707204	86531591.9	234720596.5	238285700.4
429724420.6	415163359.9	488849595	432118463.5	612402638	438910042.5	444717564.8	494688094.1	982355183	778020078.2
79012713.5	91169593.46	134126343.2	149197836	127759449.1	107795390.2	111024929.6	139449457.1	111831982.6	92962095.64
2311950789	1863325841	2046662955	1954881292	2203641460	2563822678	2575344163	2732858137	1564236659	1721123083
10597985.46	19691578.06	8199210.737	9388110.696	10288008.67	8189378.614	6581509.952	8915798.321	3115241.496	10523672.98
9695701.741	11476720.35	6961877.985	6931254.556	7388804.44	7241950.927	8100948.946	7818110.23	4154787.893	4128051.991
6270306.587	5541810.11	8766708.331	7640802.104	7900161.269	7853344.214	7393079.46	6406735.914	7652677.679	4858603.552
89568.23844	139259.0676	74012.42331	113678.2393	48681.52116	703747.3918	95328.57637	298029.9525	86098.13744	150081.6938
16903158.09	19414642.83	22875647.66	19341502.59	22468048.26	18929377.15	18609297.91	19940858.57	41690373.06	27145926.46
3762553.006	7459661.709	5610111.847	3967059.791	6619909.937	4491772.592	3522624.46	3501443.087	9352331.089	4870003.045
15120434.09	15346962.29	25775515.94	25948936.19	22083369.99	23295803.86	23397764.45	22152250.56	8678548.486	8330678.929
32241.48839	48398.40742	25003.21206	34519.33967	40857.66741	24739.92137	45203.497	43936.856	19168.09113	23923.66502
155442.5498	170832.1343	69236.02009	87348.09087	84386.56957	66134.3928	64735.10539	100362.5827	48667.23258	45903.37255
8832873.547	4873787.91	4380254.102	6810749.107	4762868.443	5098786.381	9075177.296	11980010.56	8241469.41	7265774.659
71555085.27	76292114.03	36174419.58	32630633.9	26713241.29	21792261.82	20401049.11	14731553.4	29728388.1	29249417.41
247468398.2	209721985.4	84795050.15	107851945.4	84180847.84	108642516.8	84697289.72	76154533.23	55657386.99	74271835.93
163735.0445	218380.7469	92777.01478	327574.9004	151674.7033	3386605.065	412215.171	1388755.486	88087.26947	123040.4707
36050256.98	8909974.903	32588168.55	11351948.25	8091688.732	24330966.04	7438835.927	9979576.262	3760174.287	9482433.671
34323473.01	32535767.5	16133992.36	29811684.51	12904765.38	23410282.85	37620785.67	21942222.28	12039201.68	10349961.28
5411044.602	6396023.332	4607077.584	5680733.086	5739692.301	26617586.72	5707618.768	11775976.04	5883222.265	6418948.101

78786961.05	56967478.94	96825364.47	71423080.57	91488516.9	68652446.73	78404505.4	64538789.98	48153770.28	28869842.58
873834.8121	1060957.886	728806.8987	1185993.552	915231.4182	7610478.305	1321842.018	3310460.269	721718.1907	591820.989
4425222.588	4314300.072	4834757.577	5154220.943	10005681.35	5600264.629	11482974.02	12141863.31	7562375.599	7210142.037
3533998.223	3804601.569	4066562.258	4575051.866	5116628.599	4993562.381	5277531.598	5261549.903	2204979.841	2072614.634
22788179.72	24476017.43	28788370.44	42146601.44	11159191.4	16579860.23	18260110.98	17605887.7	35061817.34	15230358.56
6765694.062	5693228.107	13141356.11	13374636.28	12266165.83	14678426.19	12567484.29	11437396.79	6863573.711	7076913.131
19997748.5	19173562.54	13064567.31	17369350.79	14930515.6	16001516.1	16189867.51	13669606.54	13032988.22	13181266.97
24611329.73	35991201.82	53820335.32	46209115.21	61398090.25	70787785.3	70451967.85	82786438.54	64747678.03	68004972.07
38388741.93	1601645.224	2776837.511	35984715.65	1699156.895	1958339.383	13815208.25	19049485.3	1151162.334	9140044.15
900329.2071	574961.7744	508533.8725	443550.2415	501692.0189	430049.1616	466604.8266	243249.5441	5887992.895	6195483.572
4525437.249	5270987.926	4413296.095	4550072.682	6457176.9	12878696.12	5820652.391	7445772.972	5913068.872	4773719.918
11652932.52	11035640.43	9796893.339	10298903.55	8548051.723	9690077.846	8848732.954	8657334.427	9067103.083	9088295.268
12012608.69	11655046.12	28511663.85	30779505.38	29849655.43	26288506.72	26088938.69	23343323.19	43415428.44	36600166.78
2565365.144	1430062.136	9979060.557	12274688.04	7317790.798	6244587.634	5457252.187	6393237.906	3022570.932	4331707.248
420962.711	449546.0445	791083.6536	635982.9563	453511.1918	470063.2048	296279.7687	302024.1053	455387.9771	442110.8402
1454733.665	1277925.582	2490079.53	2281974.943	2054628.313	2362772.849	2155191.47	1951917.838	1265328.442	1389723.927
32948431.15	47953821.24	31354355.8	19802443.34	18670380.36	30682171.61	38032797.21	22450129.77	34239983.59	18526275.93
1505886.52	834213.4655	602813.3699	753026.4686	467173.3886	307936.2926	456563.0663	510631.7378	8282817.807	7635386.23
120217951.7	69847502.57	7507850.848	7458569.333	12053575.27	9559778.573	18553228.33	10912507.03	52436232.19	47211369.59
1273226.875	1497695.508	1329739.218	1697565.723	1712272.884	1134156.182	1493193.753	1147532.111	9285665.518	5237148.529
2249012.024	3307020.31	3199736.42	3325398.307	3970913.963	4891911.685	4518154.19	3632522.993	3954489.965	3569788.211
37335657.9	24339273.72	40159682.55	38124652.09	44030437.95	40888306.67	43885558.96	51631526.35	52157405.89	41516750.09
152633665.3	83082947.21	98327802.78	76699558.43	90033779.67	80370907.12	69232240.32	95273797.51	76877728.33	59542031.07
17233020.65	12974586.32	22521895.65	17122180.28	19297447.86	24185747.74	18524567.2	22742180.23	36484211.21	22035397.94
672530.8615	790728.2756	367120.978	225749.1118	425898.6763	389556.1591	437651.9443	425608.3249	1653110.008	1132146.642
60424.97589	67686.77802	91734.85385	71221.42559	77409.62257	56885.99709	97831.3354	58912.19913	127197.6583	136671.452
904996672.6	1004658881	695276319.5	611665524.3	1087135116	224454979.2	1068529782	1808563685	902069220.3	741790563.1
5609083.338	3235838.045	1238150.794	1145356.698	1193745.79	1244360.61	1275968.303	799096.593	3832042.169	2636630.149
2868206.261	2424205.454	3001505.081	2179501.036	2297743.128	1933594.079	1829767.491	1800525.712	43271.96462	149015.1319
1297247.868	500262.0726	1383911.711	1261498.459	471503.8465	932527.95	59026.84896	749707.6541	597773.192	893460.5415
1033827.822	770089.0881	1498170.896	1331623.507	1409253.221	866392.8273	1309953.932	1208786.274	3564150.855	3526875.219
283412578.4	166807488.8	192735320.8	137882504.4	180451691.8	147627725.2	124638854.6	182122188.3	146687725.3	113441417.1
1200382.839	578456.8954	1240435.438	1228818.766	608616.3904	1065736.9	899039.8083	1011594.468	984383.2229	973205.3759

24034001.3	14403453.27	7874608.02	21351690.57	16925618.79	24808791.39	26352681.16	23679913.38	8402753.117	13577324.99
7278288.774	5138082.556	7267050.656	7999046.555	6284880.009	7647658.457	5907498.439	5367138.629	14997560.88	13235272.09
10090.828	8542.910628	6858.216482	7910.408974	8438.084053	10590.4703	9947.81289	11489.24979	4856.099334	5407.586812
341922993	382788854.4	150883977.5	159153804	195289919.4	140368208.8	42582748.41	31342082.75	36518390.37	58697628.87
68031106.75	20070528.61	69148072.2	122328577.7	81900917.47	102751281.1	255304259.7	142547580.9	79938758.01	112832855.1
735923.4414	975210.815	1927254.383	1669663.589	1202302.678	1205562.798	1350974.134	1137237.999	8162300.209	8668705.152
2194656724	81873761.22	5047709090	4937334866	4354189377	4778785145	4622064100	4370664926	34401809802	35062891664
18021452148	11935520526	15059739994	16618117602	17776645700	21060416822	20587348055	21041718339	8800078251	10402354703
159857452.2	114527517.1	56589275.29	68037598.88	96670254.49	114509316.7	109698219.6	117220263.2	56711977.13	63171793.3
356844323.3	384863391.1	347957588.3	329940668.6	380286769.4	421247400.6	411341732.4	522218208.5	157827852.5	316690620.8
797478.985	832825.7973	1390518.977	1346079.79	1123250.527	763688.1309	835636.0152	1417698.924	4262024.697	3569221.172
267064390.5	247693316.7	96161900.25	147151836.1	67965297.58	99435454.78	94833217.98	70950840.14	194384465.5	175569953.5
41532346.74	35329457.83	32943121.6	27483997.51	31653718.8	25219806.83	25363211.96	43599970.17	20726950.54	24988952.2
222528079.6	145386737.3	174435014	607154269.7	231223203.2	250076135.6	134431631.7	285004903.9	1424750281	1498302466
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247237964	137763740.9	195323426.3	172437910.2	186866136.9	197615716.1	157366767.8	248020064.7	273334777.4	140722909.5
3432653798	2973519337	2738867220	3128092974	3501563761	4097677888	4040278528	4093811669	1724601957	1965551014
36949190.26	34644178.62	36048709.29	32239139.23	32624927.66	32477722.56	31343114.02	26778726.81	14233169.77	13031627.1
964028712.9	819123231.4	650321472.2	929381446.8	959351299.2	970536740.9	896233270	1166459356	553568344.4	630059592.7
32763102.48	25017366.2	25312019.46	21597321.65	23736150.96	20865089.2	21230900.51	28555095.68	16511926.78	12207744.86
40971237.22	14914523.82	35455715.3	32195694.71	18310420.21	33801073.36	52333402.81	26864313.76	12281792.21	14750271.35
24072891.08	21246705.85	8090765.397	6076189.824	5315450.644	4774488.699	5176834.17	4476911.886	1802877.894	1760558.116
235107259	143224751.8	168509317.6	245694297	299988136.3	211057072.6	165302420.3	228287159.4	181694410.8	261655453
454082.2804	508173.0988	607756.2202	436743.0205	266617.1615	338310.3652	387747.3533	124450.3248	2306781.515	1598207.239
25277197.18	45946288.22	21680113.71	18770899.96	32342923.96	15247090.1	32635128.39	15168844.72	12319785.01	13753163.46
81833.24971	80905.77151	118693.8926	106802.1282	101455.8361	88195.26278	101249.4676	179782.2712	121528.1712	111923.8478
146273.7167	55104.86515	133981.4075	83994.27039	97236.68799	71841.97541	65470.19286	118975.3234	222555.273	232124.7356
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878392296.9	1026698323	983372118	911421103.6	911033808.4	673594157.7	1179346655	897132617	861147667.5	804712404.1
7505143.802	5965504.944	9289971.716	7531303.525	9213086.887	9179190.653	7517768.773	8875730.837	9919837.281	9540791.45
1722536.644	1171956.521	959218.1169	1126053.185	1291762.318	4509564.268	1407404.418	1187237.823	828031.8446	749771.6145
1762869.692	1857613.003	676202.4646	523076.0212	452563.0639	356426.2154	397271.7131	345131.0303	789170.7472	526769.7722

1163869.055	674753.9994	4867440.066	5281374.57	4326046.744	4806850.36	4266634.228	3683673.554	13484650.01	13820115.29
22791189.85	24166501.62	27189023.17	20280359.44	19348805.74	14356781.88	15336687.33	14501686.17	11707639.27	8977084.225
101267.6901	239819.1401	222939.3208	276607.2807	200516.0649	1896903.984	121979.9723	713165.7522	167011.3693	366618.4919
4378522.241	5861952.752	20779103.61	27027272.78	20091258.11	22379821.39	18164348.42	14782048.35	54243474.9	29871926.18
9063081.01	7044779.264	3372142.637	3867458.058	4747128.076	4474959.854	4475768.081	4033889.948	3242915.852	2504750.042
5948336.968	4338568.654	3922865.72	3651674.535	4644150.967	5549123.763	4723384.742	4728706.79	2496291.899	2294044.481
9506339.113	7866510.111	666499.3392	651516.2766	1298850.668	886511.1485	2022878.91	1354418.263	5549629.136	5191230.385
1453195.71	2033039.161	1589407.279	2152944.194	2295387.418	7443293.508	2487897.198	4505605.056	2296985.932	1930150.753
7697346.985	6826851.13	3085015.939	3125560.544	2577020.5	2694483.197	2519548.08	2329011.449	2638828.426	2796581.311
1523172.237	1794159.873	1652960.752	873418.7266	1730485.712	2558491.108	1159437.028	3350348.377	1792409.571	2167633.579
795051.8204	1137329.422	895218.4501	624460.735	390230.9972	257512.8546	241252.3219	387560.0719	840455.5822	586956.3277
6921356.893	8642214.356	7466087.674	9296040.063	7625589.335	44508996.01	9093956.469	18242055.12	8314737.448	9038767.636
3949546.293	4270112.347	1734623.918	2038307.678	2093995.743	1845691.835	3236295.209	4367987.096	817681.4688	841651.7832
25621682.23	32070208.66	23615234.84	22080954.23	29825443.9	21772853.16	34197930.02	42034168.44	21471196.71	23350780.23
1158766.712	1049143.901	101063.9444	82358.65852	155790.0302	101112.5833	146116.8021	155138.4475	35538.75526	34223.42697
3433871.743	5576705.911	2803763.844	7153028.541	6031133.111	6582883.504	5065112.822	10434988.37	3072043.963	3097170.315
55750.49008	45943.13296	50862.12175	41608.65225	44597.90907	42855.06025	43032.80604	45344.55091	40645.30963	37164.64358
111311.8721	106564.1582	90585.76936	121902.6854	124971.5842	149425.0235	99064.78721	263005.538	519395.1309	628265.4046
4941167.455	4615023.695	13395459.48	12536873.37	11379478.09	12407947	10288667.35	10065788.51	16855940.89	17787270.56
6802146.484	6184956.484	13346385.02	8118942.081	10523537.58	11936522.69	9846669.306	10706086.32	3478947.201	3305498.357
1120886.99	1051696.918	796817.0148	1197908.139	1099300.029	1835526.184	1052173.844	3072239.498	931204.6451	930178.0353
10473.44015	11002.91379	22512.70607	18003.18733	18784.49827	14436.35179	16164.4469	13915.37744	15026.29393	12030.50728
3376442.29	4012232.321	5036246.85	4053529.256	4935020.018	4658402.654	4180560.621	4264678.106	4272783.316	2818782.6
4124324.359	3024017.947	711219.8549	945684.4926	1231872.66	1221546.672	1150490.902	818101.4535	476490.4878	373122.1972
46800.481	145179.7368	247259.1383	267000.6162	184534.52	154968.3745	191196.3068	54435.41854	248881.1854	238540.0679
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12684296	15400090.86	18183888.08	18599669.91	18786278.58	15788969.08	15221062.95	16881099.4	8901549.791	8309984.427
1957076.012	1016855.739	968163.3821	686669.8217	512357.9043	332242.3142	387735.9138	332320.6093	261258.9481	143618.993
836484.4916	879948.4039	748080.8405	871656.2525	961086.2241	3199412.836	964880.7727	4373784.087	789882.7904	710105.5444
339473.1492	484620.1636	4818386.734	5539080.083	5162428.366	5233562.32	4730316.364	4918108.512	2075130.095	1911838.214
26796.70927	37336.54752	54767.70632	35614.04567	35707.66629	67963.02996	35547.31409	31369.73047	52394.93302	33088.59991
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708416.4875	551066.4224	778509.6177	953635.6315	882186.7606	2780467.129	924907.2458	1079037.521	763377.4574	853252.1798

32777.39959	59499.83099	26413.42592	65984.04055	30932.27209	429715.5417	73112.97307	105208.1	32741.96406	38631.09097
1199746.604	1652919.661	1565387.43	1768036.049	1268015.113	1378609.432	1457013.213	1206527.894	506035.9575	281044.7744
1050430.577	707007.6541	133864.1121	149833.1974	208045.8582	253835.081	299776.8147	195455.1577	33644.60284	50430.54063
104208.0065	33278.75764	98703.22559	32952.64359	87690.57305	1957286.842	59767.0377	102805.3835	32124.72318	55568.59064
149023265.7	84172810.94	14560722.85	19896647.13	24532951.64	23792196.3	32305471.8	25121348.31	149258798.6	154632202.8
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15603818.25	36903334.8	24226404.54	8688096.981	9041775.364	6608040.653	7570524.408	12744708.42	2509704.697	5843267.884
2047997.772	2470040.847	101501.9225	146611.7504	441191.5492	226637.5425	1177341.877	709198.2238	162454.0121	90273.17278
219212941.3	251865597	223841449.3	181879728.8	165089536.7	136141625.9	138948928.9	122261419.4	321762279.4	273522231.1
13841276.09	12614351.21	9691866.473	8628089.69	6891526.226	6738256.347	5274563.773	7084618.908	2693496.61	6409364.486
68110.43446	92242.34706	71051.85145	79693.00613	89687.05503	66594.86701	84967.57108	78917.17934	119102.3651	89417.51352
2875803.291	4826685.902	6010575.704	6297006.392	5039539.392	5767724.003	3372793.181	3058847.537	12593153.92	6333836.267
698467763.4	546458997.2	245142572.7	274742353.5	344158155.3	401097087.3	376627141.3	411255516.2	179632400.2	167163945.9
17912092.89	17793133.47	20060983.2	18369851.1	19722985.58	14488710.91	12799823.41	13270765.72	20850933.38	19221388.07
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1872695.928	981256.0089	320780.4435	319526.5816	313700.625	310742.5242	311276.6635	197380.8885	66761.61579	74390.25507
5863524.512	5905809.957	4463126.126	4439239.742	5286799.443	3894014.795	5125243.431	5635331.646	6567297.98	6827957.604
3085375.031	2512898.276	4276028.385	3985791.85	3358370.649	3460233.982	3428232.084	1988214.47	6440746.132	6850463.816
636677.0198	758184.5731	698519.9502	548214.8224	552226.205	485503.8836	627285.0802	490647.5736	822498.0492	1014764.736
67754706.36	74364476.47	36168589.17	28544106.33	31540833.25	23978066.44	29526040.61	28722814.69	26900922.75	15398583.83
45916562.66	45266242.9	16765989.34	18258946.98	19315147.2	19158982.42	21776041.92	21202801.86	9292308.918	8803203.454
100443.2262	91836.03427	406066.73	359787.8062	268049.2131	261415.5494	251085.5282	178625.5207	13943523.18	11793388.57
77220086.31	68798053.06	72887499.62	46435127.46	31431665.8	34852756.37	45660315.03	30000800.13	136798275.4	47782192.18
15270200.56	10754894.28	1088275.015	1358102.827	1948628.405	2298536.509	3299592.421	2628048.271	514613.2014	462590.277
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597825540.1	225551058	451424300.4	790199005.9	495125316.9	755002454	418446292.1	144962300.6	568923768.6	306680344.3
224784780.2	174218703.1	127292871.2	137227832.2	143730739.6	232932732.2	219046951.6	277000379	110314756.6	135636090.9
34366.05202	30989.73765	28263.84012	29843.1563	29731.00402	36976.0602	34598.26476	36093.54355	22856.5844	23543.76745
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3373068.14	2431608.976	621657.0293	647640.6007	974569.8181	778529.3914	933174.6937	854799.649	873886.9485	689592.8847

35187310.11	29706234.45	22599755.95	19877876.21	20627464.85	18189234.8	12766362.07	17955626.12	17975100.55	12243644.92
225270.1426	176393.7897	47864.69906	43205.1179	58811.63589	46453.7475	46331.84003	55784.56808	46457.73802	72254.10234
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6129655.284	7384684.717	5102939.748	4036157.462	3134388.051	2605275.504	3123320.986	2442981.584	5162438.22	3626364.675
621705.8482	1080876.826	233220.704	383986.3332	265212.317	511657.6497	560907.0869	423275.3104	379778.2711	4154042.151
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4716796.514	3993320.838	797942.3546	845996.0137	1881446.753	1236344.931	2362680.637	1870223.866	757844.024	475691.8318
2812107.149	2919439.179	915526.8674	690019.9803	551573.4871	434122.8292	433889.9295	395572.7565	911976.89	790117.649
21338784.5	20083121.16	4866592.623	5181801.251	4109000.651	4533042.865	4568564.09	3833028.798	3364738.958	3495585.096
70649393.18	37932168.75	55164909.96	14857929.31	40724510.29	30891811.3	29776246.67	24172461	45361603.15	36227930.86
607906.0234	285047.4742	1714900.543	1281458.776	354572.9001	245172.2723	343605.2662	515597.9688	6114846.78	5800032.15
1569347.783	876375.267	5056862.991	4421595.845	6551874.336	6305131.43	5807185.221	5120009.595	6386357.74	5955244.484
39535.32527	108424.0479	345044.6911	427733.2192	181275.5533	101103.6195	101138.9036	114967.9472	355586.9615	262534.661
103699.5973	132048.3301	2655684.787	1975668.677	1342081.807	1152810.497	845471.6192	782569.704	1282913.31	1086001.509
202110.0646	207402.7682	158855.7734	142132.6697	157127.6637	73787.48197	205225.2271	221163.4299	82917.56239	48611.77505
15621875.5	17197751	10599503.27	15478895.53	16537552.7	19492076.24	17838193.8	26780355.47	12701609.64	19127446.44
1722641.668	1442980.908	2435442.211	2178110.656	1583813.751	1701803.513	1540513.48	1379811.56	1460135.743	1383090.466
305957.0875	214150.6711	181126.3031	150089.7653	110246.8612	247659.4312	88265.68073	79259.03236	259497.4389	133746.3509
1443211777	1392011590	1168008716	1235536913	1624702894	1567561575	1402927924	2023928421	1401491413	1276098973
5207185557	3162162947	2020493684	4805742328	4201670104	5652195046	5786764371	5588030281	2089295736	2931833298
14455944.04	14605834.39	21521073.87	20155081.75	21919758.64	18401525.73	17720769	16105036.28	12202994.64	8349493.53
310271.8639	234893.0759	551482.3122	991514.6022	790522.6481	1264223.655	782936.5561	660592.0186	6848499.62	6420635.211
39935795.98	36410484.51	27777810.19	28040467.67	23787203.53	25131639.65	26082887.56	23470981.23	17517250.02	17643164.68
10545495.98	8889535.996	8948002.461	7670678.58	6766558.589	6021817.509	6206191.831	5114762.345	8872887.537	7302070.681
208924311.7	297742535.9	165204644.1	280454608.5	285398945.8	291925907	278733993.3	645889076.2	198959817	254401564.1
5713680.699	5737702.366	4858014.541	3897058.751	4039345.619	2934243.436	2987639.047	2766737.342	746545.526	708707.6373
4060932.651	4447906.761	7793571.085	6392159.729	6200132.049	4773832.161	4927088.679	4705112.491	9539010.212	7413872.069
255297204.8	189351714.7	59216206.26	65154601.88	75009595.13	68718364.25	74004720.17	63979238.99	64629074.54	52571166.55
78537128.34	66090674.83	41653472.92	40031522.19	75560390.98	69663977.57	77026825.07	98831836.02	16965580.69	23430385.6

10718574.75	10603894.69	20591295.12	19732710.88	15842634.7	15724276.51	16771313.81	13396230.65	10868098	8748932.507
399098457.7	654041155.9	646235073.8	615862798.8	287512307.6	1407526133	850115284.9	1663041175	722036022.8	1593259815
446180.1218	219001.8697	205845.2759	396364.2726	122243.355	5097049.724	615597.8774	550628.9567	96194.35529	93813.64058
12605076.2	12525057.09	3607712.565	3549862.479	6383934.223	4410824.541	6052668.317	6238063.174	2335107.943	1450549.888
127564044.8	104577002.5	34697442.34	44155438.54	86788545.14	60297949.78	94992749.58	87873693.69	19678300.33	15275981.93
789687.7554	404150.61	177472.8251	426931.9364	288156.7961	262897.1553	273190.3068	367431.8136	890913.8316	591484.3739
67755231.01	86790450.1	70156640.03	105652353.1	75016009.1	150730203.8	128595066.6	198773850.6	67177436.67	114028279.4
2674506.637	1288128.144	376061.9757	437565.5693	435434.7676	603150.664	849587.2469	393867.2475	746818.5422	1035282.246
751814208.5	767645895.6	834964870.6	500116266.1	716959816	564531816.3	683618728.5	646094929.2	747601767.8	410174290
2388536360	2470150604	1855619796	2601816052	1701505312	4660746880	3014777271	4720071190	2017432855	3268142270
3901710.62	5622475.46	995952.2324	971192.6299	856606.8965	1038478.117	877123.5793	645238.6739	245404.7708	262668.9947
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350263.9214	341398.7019	79926.21845	96431.07223	276663.8375	124557.0045	104743.3713	69159.70155	181394.1461	130429.6442
303343.0971	368840.7167	102183.3234	242623.7312	273999.5304	46426.08471	205290.3977	284263.5693	103098.3519	145123.9629
2672870477	1866961273	448455413.3	503340779.8	942279334	807069825.1	1139222954	1171601246	312743479.5	223024126.3
284632104.2	264569719.1	176133852.9	173186441.2	152168371.4	168604298.5	162369665.6	145648265.1	117742582.6	109814961
334507.6675	202538.3247	48167.00536	43520.25873	58550.01154	135557.8675	71816.37235	243880.8536	944824.3646	1016056.906
227233861.5	177137536.3	69873031.2	64567856.25	123288779.8	76087207.37	118242217.4	117238357.8	53823094.56	32132079.93
38605841.41	33947154.99	29483557.1	28415181.64	43873398.65	34454963.71	40401425	34930330.01	11912941.85	8836161.266
337620955.7	269720289.3	92840386.66	75173765.54	165374566.8	89780138.67	153865490.3	141466775.1	61286396.5	35230929.85
49612640.55	44613643.58	163733039.6	161775348.5	129949622.2	136964161.4	128570859.9	117136480.5	282434241.6	290768012.2
9432662.595	9326382.153	7685060.803	10885634.18	6035654.206	5713638.7	5433671.934	6897890.614	5405843.765	5596507.533
12334179.05	10979512.73	29909325.53	28552982.51	23575028.65	24594501.35	22736082.54	19842346.56	39718492.19	41323597.59
4650276.796	3246730.484	1274886.682	1580766.186	2712680.268	2166819.094	2687062.603	2114912.141	2321017.1	1706616.163
26258696.65	18276903.74	4776242.882	4995477.678	4911010.315	5713611.395	6903046.962	5019421.691	2710867.068	2639875.938
8306504.802	3534409.137	4194935.127	5025617.144	7420744.732	6594065.516	7990974.599	9633515.776	13456788.1	12263812.63
2900372.788	3355759.739	1061771.051	1218943.356	1906199.872	1680185.056	1858173.748	1453522.447	898348.5205	785141.4734
6725764.824	6895972.459	2458305.366	2720282.602	4421162.327	3408058.289	4049122.303	3716740.103	658336.8285	476396.416
217468640	203155858.1	68044715.91	89965869.36	124403616.5	138256674.5	162019634.8	159603683.7	12278927.36	10619376.21
117301372.1	135378846.9	21885613.27	21861213.34	29101854.97	24990452.51	31279385.19	24103613.29	23606393.72	11196447.27
7114929.429	3664355.343	341881.2704	431940.3277	698222.1005	529876.0792	534839.9551	696258.7014	336023.6636	239525.8819
1555793.752	1570840.975	1362354.409	1340924.143	1123871.36	1155238.381	1059675.779	1061722.224	11032168.44	11836947.66
10571344.21	11256062.27	3442077.396	3322171.067	6608655.701	3996216.71	5486116.498	5710481.139	2213366.905	1364358.188

34138884.74	32655863.11	7743296.738	8963215.36	15553660.2	13681568.61	18478946.03	19778707.61	3661384.818	2938468.302
19685025.88	18198430.83	20734118.49	15827216.05	13013079.08	10427450.04	10930005.18	9268396.947	17611347.79	14370829.68
34110459.4	31506180.44	29970135.54	29235710.04	21301344.41	22998882.82	22584475.24	18720957.95	17795946.5	17057781.37
2419595.856	3262003.476	773172.5511	605839.4906	532665.0405	540914.5348	470711.3122	429216.0639	194652.2543	193932.1498
4516619.021	6340874.762	1316388.803	1169458.105	1282630.505	1242402.529	1207612.333	1134666.887	330083.2235	340841.3996
4134306.768	3771886.673	3502194.476	3024918.133	2830697.83	2401794	2295238.613	2305141.29	3977792.736	3581168.799
95396.53265	130801.0027	232189.5263	111467.974	191246.6115	107344.907	127773.0355	115701.1599	173338.5241	119914.4425
6692052.621	5927371.999	4839380.57	3843681.126	3208922.118	2814828.039	2641499.463	2294304.663	6886707.54	5833664.432
29101.79136	96713.7542	1411795.199	724978.0712	419181.376	220692.8362	191844.3831	141918.5079	256075.4905	96195.22621
23427288.67	22716415.48	28145138.09	40528139.49	12013326	21712729.01	22412604.97	21609511.79	31758385.44	14415920.24
61900837.97	53833661.25	131125957.8	127979753.6	128261229.2	133776744.7	122719403.2	112700791.3	1005329294	964767503.7
5793064.385	4726847.53	10792224.28	9583590.55	10926345.28	8963380.249	11625887.62	8605415.526	128713768.4	106181237.9
565518570.9	147465223.7	257420729.4	315800017.4	139336457.9	336515133.5	120783876.6	128747870.5	312409554.7	317857100.8
98045163.34	74900185.54	35922949.17	38536397.65	57719259.9	50406363.03	52873661.79	42352455.12	20489177.69	19886160.6
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83914.85002	91846.39635	87499.09389	74798.0576	77875.5672	69936.78436	73884.78059	67977.40264	5339007.313	4717419.317
2204467.113	3356143.927	4656277.607	4202115.359	4325692.144	3627427.322	3882436.73	3441157.147	6804660.582	6073819.402
1228811.19	742823.6278	457884.0091	410290.1482	686999.7784	787767.8811	784786.4319	456595.7581	1494834.69	1558551.92
1590170.485	256963.6795	147921.4879	826741.1668	87629.90252	41555.43146	36021.22714	51898.43495	72568.24211	141391.7128
30260230.85	40173856.03	61078302.11	230172430.6	32513655.93	34191890.34	47141513.77	18528340.27	62308098.01	57198074.13
15519276.8	15144401.76	4866668.943	6186158.98	8122095.366	8656590.502	9185097.729	7092063.908	12043989.5	10984188.15
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3739325.492	2938250.994	2799224.224	2345089.519	3238315.239	3244022.345	4510625.58	4629143.9	3695872.593	3275872.071
2978425.311	2135662.011	2115051.847	2131034.665	1016977.119	3623329.389	3315328.217	2281027.175	1555660.423	1152616.745
102471614.9	1304902.423	9360564.874	104104743.9	1869869.76	4502090.05	38136225.25	52215130.96	1774910.321	26812833.31
146437298.2	283725335.8	360188889.5	245625525.4	94685747.35	405993993.7	479333633	399965779.7	297627133	577838946.8
90144441.5	74250697.72	29443001.06	23989701.25	49740469.42	30104852.56	48045074.35	45151668.19	23319395.08	14366110.59
10434419.77	10804023.78	14370158.14	11780901.86	7223911.259	7184517.851	6547671.284	5419570.668	5259753.932	3643979.58
275756.536	782425.3399	856345.1828	1249477.849	1277059.402	10661969	1341481.894	2802497.601	1787473.281	2351870.587
547512981.6	312201200	34940995.78	37533337.84	50378470.16	57776758.95	85842432.38	60735391.6	113874494.9	89850002.93
293546.8921	258917.3247	133642.1513	166576.9632	108491.0775	101153.8082	114763.6205	271296.8675	146477.8667	120729.1904
1398452.556	2323245.908	3458894.873	3507500.55	4173721.449	5588351.738	4273465.115	4995151.122	4319990.694	3274735.075
669855.0199	370412.1424	496701.8102	742557.6948	257834.0911	502958.0738	183520.6321	339288.4524	9039477.052	7184237.425

13102022.17	7005912.455	21010160.99	9317809.568	3739510.675	5551877.756	6694032.286	6771085.048	2665844.475	5943824.66
17004276.57	12153834.5	1433406.885	1710154.814	2967711.568	2680296.038	5739792.596	3549072.858	4000085.052	2645944.187
2537153.061	1990998.76	2255483.706	2344474.938	2627381.007	9560420.442	2509854.762	9648413.53	2248342.978	1843003.64
436097984.7	287780658.1	109882904	134914047.2	166414726.6	166619613.6	183737525.6	149550186.6	185409398.9	159243869
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62189.73923	60041.39894	48099.97764	54279.73161	59246.44615	66663.95518	61467.41797	67706.53372	80137.42258	55046.81915
32283138.99	27356429.75	23506756.52	33588824.54	42089919.45	38483682.32	41067690.95	47756951.66	88575643.62	93652779.81
36915.75247	78410.26748	43806.52823	59511.29831	46385.4707	35572.95068	38474.15357	40950.1152	19354.80554	24529.86262
32246133.15	28073474.88	22020857.66	28770458.54	38475992.14	40625010.37	44542688.44	37601911.4	16629321.7	13834191.76
1660720.539	1498526.924	1926152.764	1795959.277	4234707.797	1824039.874	3464210.187	2269902.836	1901803.427	988714.5948
48334138.5	36160078.32	26117794.76	32195868.22	67993660.44	53234225.99	87302249.93	84822066.87	32627492.87	22624631
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7296051.958	5866292.115	953100.2073	1514716.551	1546665.254	1944019.392	2077576.679	2275356.982	789908.5552	888454.8226
4641623.515	3085313.207	2387988.649	1861678.161	1539864.657	841729.8161	1191713.92	468873.3137	1455160.833	855098.4528
94127.32972	113354.4714	2927690.363	3058222.357	2960311.161	2627427.413	1891094.065	1722729.054	1047826.392	1056054.055
22332.24517	20798.82374	25350.7901	21905.05481	23398.00611	20650.79067	20223.1101	21976.76605	20021.83151	17467.1588
451805538.4	45428953.9	247490533.8	55227036.23	83664724.33	74670688.9	11454432.89	173993022.6	90007619.3	46254004.69
13133209.69	12002904.32	7828755.12	7612806.646	6655617.865	5478889.779	6866781.328	6570754.03	1024613.302	823667.9999
107552.2526	83516.39408	103648.4068	224149.1742	175610.6158	206485.9461	108216.7099	170343.2852	164535.7096	153234.7853
896959.6842	914231.3343	472884.6881	736566.9793	552995.9074	347277.2638	513495.9352	404642.6248	1369554.723	1225345.655
113557.0029	224835.1924	157554.5741	185431.1493	182463.8792	232986.9351	112862.9167	206327.6659	495768.4902	551122.4755
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8486590.736	10291459.38	3178890.842	3129878.778	2599226.928	2784355.76	2412032.79	2075786.349	900302.7757	954021.4466
45592.01221	45145.77628	89606.00447	116601.0563	60632.03052	55036.59424	52946.95574	44661.27262	675511.5092	581177.4162
13876623.53	16982935.15	22247011.33	22074327.92	17628162.56	32287393.14	22727248.84	22009081.53	5204801.975	5421163.423
3977619.454	3863437.528	4892164.104	4804544.33	3847247.034	3720295.212	3927271.931	3537646.708	2945113.467	3161769.117
396536.4237	222167.6672	156178.2551	173136.0193	276977.2851	240429.5079	250774.9656	227166.7263	343087.8623	253180.5734
69715.56452	60365.28964	79416.60252	70989.05196	69705.36069	64754.45655	61484.68751	56473.21629	58852.0596	51853.37182
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70430.09028	72625.76246	562587.608	456754.3006	296240.9596	469217.521	309892.7975	286260.4015	645357.7823	599391.5364
3547260.039	5451715.385	62382.07751	73415.54814	220259.4061	145939.3976	872998.6105	398718.0388	128249.2094	75659.61368
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668767.5561	1071674.494	5274642.203	7242368.773	6176861.244	4871619.322	3791557.589	4746280.023	4464953.89	4148610.214

225752.4864	437842.9849	948003.5885	1087820.122	764968.427	891929.2857	830416.5995	804230.3484	239517.4857	251074.6068
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2075319.859	1927713.14	4631896.189	3970592.814	3705890.739	2929168.108	3204835.954	3101870.783	2713514.012	2238442.453
3765200.491	5355223.081	729853.8811	744321.1634	1848278.562	1428031.42	4037225.332	2679356.777	411106.3016	209482.068
184430.0377	120132.3809	32117.8248	106223.7704	64475.47515	87944.1199	96162.3346	110954.8302	369382.974	458571.1774
34138973.59	19899746.08	4034384.345	4174237.871	8395414.528	6827814.481	17077177.81	6064141.056	15190477.25	10687111.93
8397652.364	4229006.506	2692660.104	1855813.28	2554841.299	4761402.744	4383587.712	3168894.708	9674647.631	7571202.568
124313.1648	109119.6483	52701.29349	49104.13152	59843.64602	52993.03895	59879.41139	54349.56831	35493.68981	37003.00478
2410499.801	3106560.522	2533477.276	2714628.946	2070364.4	2928606.67	2634172.438	2649939.964	545815.2002	833116.0446
21797534.45	452864.9544	1346967.611	23047481.57	467949.3293	1042263.358	9211091.209	12902124.87	405788.6708	5843136.09
46734.01145	46434.15853	88666.14577	74046.63214	68067.81851	57862.54855	57693.76925	49699.76454	59417.70092	52134.59365
1845356.049	1521508.494	3629059.409	3943233.969	3435278.951	3692988.816	3712293.566	3210504.289	1298236.057	1339421.619
7627789.973	11001396.89	14540839.2	27483489.59	17835617.89	18940075.25	17974991.66	36049494.99	76493709.14	104040370.3
955674.0784	127668.6128	650093.8128	125923.631	616918.9357	594201.7298	705108.5555	166338.7216	162733.2338	176435.0983
241745.2356	185227.5566	415423.0359	459383.5675	328710.9233	392490.1539	304785.4055	468947.08	234577.8472	274222.4602
2389.58381	2129.074385	1776.424559	2002.990813	2257.09817	2690.402118	2614.565901	2904.135918	1293.501724	1463.654053
32395745.1	19523442.26	5258156.419	8113289.063	10628363.3	14389193.93	13902599.79	11743955.06	6830822.144	6287890.985
1196898.401	1086101.637	1138610.716	981846.3009	981384.3754	906373.9098	801115.2532	658312.2522	2399752.416	1110717.482
314681.8188	224336.8934	142215.5378	213453.944	123392.991	1443005.139	123341.5368	236870.0788	101645.4814	117409.6181
1912385.379	2070235.461	2318381.27	2162872.549	2030063.387	1619297.354	2089877.532	1627526.289	3359358.471	2508919.09
1216338.337	862865.6946	1100266.5	1023331.77	1214540.403	1021376.097	1129693.6	1004538.644	6766305.764	6235225.648
7059054.952	8776135.491	10604984.16	8683034.809	6632137.375	6026402.505	4223395.573	3667517.112	2863127.68	2903086.233
955821.0568	726762.3271	5093147.053	4762431.303	4262898.65	3474046.208	3327784.119	3253931.938	4386800.428	3286966.712
33011.91026	31438.77966	72031.99083	113949.2056	95977.64716	63868.08977	94412.53338	57825.92793	3774950.628	4248714.472
3948720.754	3802987.235	6522875.955	6176848.403	4671289.712	4848867.088	4019485.299	3407384.017	7366957.898	6882621.16
2151722.738	1723979.673	2996639.652	3135233.508	2440772.153	2787706.263	2286705.754	2139269.789	2780740.214	2993306.469
12884.63811	17790.16281	34387.6595	44380.08005	166585.4047	246967.6946	243619.2415	195922.7454	19363.61994	30168.11735
1555774.86	1108767.213	500205.3655	748606.6432	838930.9251	974468.555	837609.8506	741653.2195	716844.7117	695157.3889
4019979.517	4771175.363	1278904.412	848517.5941	1002063.26	875097.553	869195.0479	732908.0798	623549.3035	456318.4334
4193817.261	3512450.58	16713882.14	15843144.63	14035361.19	12919511.46	13098479.72	11445885.71	13748451.55	11068744.51
2189288.245	2699931.082	6429286.193	5418827.533	5778078.459	5424572.398	5692735.988	6495700.642	7024914.018	5703821.153
934103.6382	1191782.234	404204.2421	362832.0767	906799.809	567028.8077	1296555.635	879373.557	424358.6211	263122.48
3394374.856	2592181.662	3385706.702	2861431.887	1826421.761	2331945.149	2044086.844	1571294.604	504944.5272	487915.4296

8817281.828	6543371.367	7034931.29	7802102.532	7632665.447	6634279.197	5771031.135	5161005.615	7200999.845	5743530.513
2411332.737	2357674.72	3112205.373	3657736.718	3104681.238	4591228.133	4226699.023	3974763.014	1750150.976	1953987.006
7315807.661	6837181.053	3573101.903	3666642.959	3725927.719	4222187.104	4599968.238	3671105.351	1871149.322	1846204.062
33441458.95	22022600.77	9630716.776	11747923.3	16744764.59	16126651.28	19341962.4	16062878.93	14951127.25	11675173.2
238161697.2	215090483.7	107363820	92504076.73	90288160.24	90860134.27	89291200.02	75502079.13	85193190.18	69087147.44
415678.1144	331984.989	78863.46591	486016.0009	110765.9044	519387.8317	430837.4965	567740.3905	497887.3146	518198.5766
778585.2253	487150.7402	857824.5152	888559.4431	530551.7371	866034.377	792120.4295	859684.8896	3508427.997	2434368.667
34146.20445	31800.37303	33753.31713	29751.5419	32715.38412	30303.65132	26956.8231	26888.47518	26371.85371	23459.59734
73117.78409	74754.87699	111570.66	98012.99463	87659.87912	76231.16278	75225.72444	80001.96797	352079.6919	278705.9132
952356.0611	1315774.215	1666561.243	1572520.687	1256119.162	1424643.588	1310663.359	1133750.01	701113.8092	699756.526
12812079.53	9599819.351	24310933.87	19352454.95	17985061.74	10620352.87	18539994.08	17844783.39	42773944.13	35313982.96
2746005.654	1669903.102	2381945.912	2154646.983	2049903.353	1759678.489	1653346.506	2403927.522	1554698.369	1096405.843
5837282.846	5883206.435	3360532.01	3588596.766	2785848.086	3569914.518	3083446.547	2738532.666	1321098.825	1320247.411
4317375.046	3100206.279	3027194.958	3620417.293	3753965.25	11797923.54	4560971.002	3888094.283	3098415.137	2628928.021
70558.51867	69293.71769	110255.3551	90252.20055	91113.06561	72753.71045	74807.60879	71904.31166	91374.8486	86217.12251
6183112.209	4311448.122	6629289.864	3373287.438	5171030.52	3879650.893	2859622.695	2953188.832	6854283.737	3370386.101
28976.64499	24569.54204	667494.3032	552238.5547	497296.2639	402555.3343	361780.7798	305867.8624	3807208.194	3312236.454
54591.02014	55200.51867	92508.81932	75708.4929	75403.37608	62810.4389	68141.30699	61240.98707	79575.05977	67065.60945
6623043.649	7604724.734	14650517.26	14830304.57	14046302.16	14900088.13	13391541.71	13932981.27	5231843.308	5118594.014
4634895.572	3292268.284	618368.0855	635116.433	693281.2808	640411.9491	1118996.3	684904.679	243197.5333	236961.1799
4261380.25	5687081.503	6791222.964	6248580.293	5813311.079	8719400.271	5802279.813	6048184.623	3257248.785	2694037.34
12018719.5	15281101.05	8564536.316	11362862.52	12373970.09	19379715.36	11972027.21	43712523.99	10143786.01	12482778.24
463237174.7	315164869.4	77579307.39	67159463.28	89152635.32	107214977.9	144717966.9	107665929.3	209825163.2	178315813.6
11522669.35	10668102.81	9649215.573	7786051.749	7029844.579	5648107.052	5503669.812	4678334.935	9588618.686	7440164.183
19485908.23	18032921.69	11864432.96	12558209.64	9984739.874	10931603.68	10325178.88	9214742.651	7058097.806	7285798.267
8897599.246	7818166.531	4949031.149	5269785.11	4198650.144	4728893.008	4275265.732	3582121.409	2148309.214	2269158.279
48129.30912	54947.81116	108032.1152	83063.17986	63607.92843	52183.22372	50849.42642	114093.981	53549.96165	43671.67964
17278339.52	12268812.5	5543208.708	6952163.097	4921176.288	8015374.169	12601393.11	6843281.892	3891790.016	2899954.533
18983276.67	15583093.79	3064595.253	3572430.44	4452677.95	4490290.485	5742421.325	4386839.455	18253696.04	16828444.85
5930106.357	6884360.157	9152944.474	7664778.519	4800500.354	5176454.394	4345084.776	3116359.542	9550567.749	8278384.026
690518898.1	562210199.7	158000051.9	127870654.5	297486257.9	173157689.6	294718479.1	284826932.2	141515416.5	82467200.08
855662.6871	875629.4267	125490.2674	140219.9616	233026.4236	170918.5911	261308.2647	241226.2855	58891.81643	31494.18199
3910668.062	4766015.772	215037.9424	252487.0941	740431.4607	529036.4534	2223599.825	1181456.591	316198.41	168685.8167

11815670.25	12922556.84	1359560.667	1202219.42	1895991.26	1315955.502	1735174.472	1833253.791	678888.2822	448020.4238
11424207.19	7564246.329	2872755.806	2844669.844	3996452.757	3807263.27	5200731.356	2901148.87	2991571.819	2952403.317
2890223273	3007321209	3362730747	1881855605	3328954923	650246274.4	3080922394	4395131640	2435663279	1953995826
60732.65423	85428.95013	84278.48668	96877.35	72054.52319	53065.96543	208620.728	122365.4561	153375.5419	115882.6953
44947201.54	36903870.95	29866991.99	32960748.22	48128497.45	50931256.26	45515661.25	60516321.08	2788144.576	3221893.026
21284.57498	19881.0379	29884.35384	25718.62261	26059.03858	20910.11393	21530.46263	21644.88094	20949.15999	17656.01111
81435.84095	46685.10162	30821.28506	27627.94701	35433.82718	29995.13705	68550.05339	32810.14558	110548.2939	36444.97112
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25279289.15	36180340.01	26658647.23	20335269.45	33861910.5	20693396.87	22131819.34	23852803.52	34360400.55	34461333.7
2129107.634	1807941.675	5162557.118	4799833.977	4145217.486	3707340.889	3710539.234	3697718.088	6360685.548	5176407.399
7299895.139	6804340.285	4609421.871	4118592.441	4191789.844	3304680.76	4045206.964	3218142.507	3449078.871	2565238.678
439272.5205	658230.5164	1069970.822	1282560.64	1466029.193	1926359.71	1743675.096	1476123.973	1168933.608	1078231.277
22692.21072	22294.14071	25875.16248	22319.56405	22858.47095	21303.86385	23024.05158	20375.14027	17824.80963	16613.69586
3717038.692	2588769.687	10553415.08	13760678.52	11486819.07	14321997.21	13109105.85	11923110.34	7377080.007	6609108.618
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13773466.76	12929272.42	14259625.78	14279944.46	14461006.06	12417745.41	1824868.123	13388519.7	41911330.94	42225111.52
911065.2813	616388.7392	455458.7967	339920.8916	239161.9177	182232.2371	202706.4646	163932.703	387559.8565	331714.452
3867296.285	3387545.153	3027283.077	1931071.92	2415567.204	1750475.642	2824470.513	2452388.796	5059933.757	4246223.059
7248387.005	5310524.064	8747912.345	7080331.508	10892509.48	7880390.92	5992835.896	6915303.617	16447391.21	13711597.71
2159124.393	2993172.093	5072505.761	4423089.944	4033635.138	3498572.733	4001822.614	3206211.446	2474051.78	1974990.509
15485524.07	38115043.27	21765699.65	38607314.32	39539969.13	29555698.29	13073452.67	9641656.768	26652734.77	32977642.83
72582.57479	65751.7503	69116.81545	83621.30024	73131.12621	89573.62194	79365.59477	85779.78568	47277.41094	48369.55018
3655485.846	4221857.458	3035208.224	3465147.054	2610782.001	2859976.01	2515773.43	2522044.305	1449228.289	1281038.916
1011366413	19293826.57	552978244.8	51889711.3	348856110.6	35299670.27	330893166.1	34914740.88	181938801	156860073.5
9701042.303	9474136.613	9899090.687	9847243.807	8122189.697	9284109.382	8627938.551	7400781.142	12198935.79	12525660.27
92127.72349	103603.6477	143795.9994	105789.1778	100864.2337	146332.9697	109037.4662	151959.4716	362583.1413	378731.5441
162342.627	303811.8008	72531.4964	122924.9989	90993.80318	170507.4314	137222.6808	212486.1871	142224.8002	187598.1879
18261.52494	16149.46469	20293.98747	19150.47034	18411.59315	18320.887	18826.46207	18371.78959	1166843.972	1052492.978
11983.63953	8897.177799	8210.293751	9334.329098	8603.612924	11850.87107	10457.08567	14708.99436	6467672.633	6951881.893
4267584.081	4410416.429	5607867.595	5243148.197	4417094.19	3838749.625	5017053.651	4887554.094	11823697.82	10483215.16
31055144.09	14012449.66	4052943.739	3912849.213	5937870.934	5146545.633	7343144.051	5595033.451	5339719.751	3787313.334
4832669.201	4574199.589	7645572.71	6156811.074	5445739.242	4383766.991	4432453.96	4252441.464	13412189.1	12467497.2
63033779.86	55333041.08	77843365.17	83059395.13	64902333.87	71468522.21	65125804.62	58841526.84	103633630.5	107137724

3355274.821	3999852.757	2832039.266	3191901.658	3064555.782	3097730.627	3230018.007	2645073.395	14188016.7	10673793.83
245136738.2	198871616.5	216993438.3	208777033.3	174660846.8	197782231.1	125524394.1	156907557	179199379	109372729.5
271695.1569	318330.3315	363351.2294	365724.9026	310779.5411	352029.9992	329121.1505	288483.9749	26884.49252	28231.0013
3330858.973	2785603.914	1299022.473	1366909.874	1640691.488	1835674.634	2042714.466	2252290.58	376949.4693	292791.8986
5582907.737	3041411.941	5820255.27	6242008.794	5050554.914	5316704.829	9927970.615	4919340.873	25590119.6	21547539.53
423644.0951	337008.0761	854214.9166	139250.8477	297486.8622	394846.252	57649.17835	415354.4696	129763.9974	815251.244
11576337.09	12886568.17	17378135.45	27136718.79	25109964.71	26401371.42	25254132.64	50335003.62	17799311.52	16280158.75
76302	78540.18778	77566.08189	70305.90888	84668.56262	71820.53855	71633.96037	67385.39199	67556.00341	57892.52762
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14123291.63	6911621.025	10024985.94	8122884.461	5533406.661	5672095.822	7762156.259	6824409.945	8116954.995	8950424.14
567489.7631	11393347.87	24456455.12	536921.3473	20166980.3	622247.6785	582382.5195	682438.5165	13736764.22	445710.4146
65275993.46	47753852.25	15806933.75	21823575.52	22787356.39	33834232.94	38674124.44	31511199.99	17657523.84	23310593.58
3162166.559	4138636.919	3432395.601	6250968.359	4676295.334	4665164.272	13134956.42	7295387.73	20453076.58	13526373.24
74097.49808	83469.00516	96587.84445	81479.28186	86950.53021	76631.10074	73389.24222	66508.20359	430591.9707	186692.7417
28422878.91	28647076.34	19525093.61	18884692.57	17587021.79	16703227.73	18026357.32	17263751.32	5873400.663	5314733.839
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4777664.259	3689037.655	1160777.627	997955.7769	755808.6156	515375.6875	611863.9059	443402.6827	595681.2517	434301.6743
158353.4144	179729.459	5972372.852	5655415.468	4633206.139	4774984.402	4166021.828	3410410.421	1743495.642	1751592.467
41776.59007	38217.11559	364331.9348	316843.4536	273841.2228	280428.5305	263773.7639	214780.4813	652367.9918	755404.5311
63671.86041	55783.15623	62649.15278	50000.6619	56117.29983	51846.81125	50962.55335	53218.06764	49750.51787	43924.0946
62906.87087	60074.39514	125272.0953	108619.1281	100079.5692	84651.28524	83938.99751	78219.93817	84942.92182	77266.75886
12150273.67	175904228.4	897285.4463	1803717.55	88155061.8	2651947.228	3329828.789	3319120.874	2756175.725	35394844.35
23340406.89	21721202.5	15780926.5	15634351.06	12228601.41	13536662.08	12421180.78	11900671.25	8396365.543	8696711.812
26404884.45	15749883.71	5355149.911	5171201.38	6863276.623	6994739.787	12656406.62	7205115.849	5955415.464	6177939.854
2030215.328	2344571.677	1616273.796	2279414.896	1987261.53	1870896.207	1900091.265	2066834.171	2181746.946	2027539.448
534276.2115	321690.6041	3304460.698	2506613.729	878410.2004	904568.0301	696322.3975	789159.6104	917067.8942	296788.4638
1995727.601	1588469.529	851964.8219	756553.3508	2938784.445	1536679.713	2903102.52	3577216.831	113288.2231	87318.51143
2770554.211	2866262.108	266302.3828	304020.3062	252841.2444	267375.2456	441880.2933	293941.2254	161196.282	140797.994
16865239.83	19805170.04	11590005.17	12355217.82	15717941.34	16186211.77	18629380.66	17431056.13	1267303.48	1190201.487
2546566.014	7706658.811	742872.4023	846912.4953	1250586.037	1212549.855	2346868.256	1761517.778	430501.4803	367453.0029
41542.26571	49957.37759	2182104.432	3139964.742	2349794.032	3042754.978	2302523.305	2287961.139	357671.6005	412977.9518
1483440.082	2019762.549	2708350.987	1955996.135	1897119.753	1586841.052	1739838.9	1523907.59	3354686.28	2639046.125
1696699.096	1579354.431	3155594.686	2816166.689	2559606.043	2447733.008	2207189.317	1854144.995	4915596.156	4792020.898

49403.55523	103782.8975	77659.86481	65286.43275	38278.83588	60649.01795	41621.97613	96863.94707	93514.83269	100293.019
13045609.61	7005307.435	973403.6634	933789.2821	1305015.549	1292969.38	1034762.088	1226156.206	658566.8471	604405.6968
41095440.48	20345495.98	2473612.506	2873687.378	3421141.613	4825706.827	5177719.097	4853290.984	1566842.832	1153221.189
30658.91599	28281.16902	21650.36095	23599.12308	25250.05422	32048.3419	31204.95584	36326.87604	15341.41412	16813.60259
14173124.19	12582973.59	8670224.873	7175762.15	9647286.702	8018537.158	7832214.962	9289519.134	5017183.225	3696766.025
374129540.6	387140355.2	274689640.6	323864297.4	317013518.6	384804266.3	406306553.6	340368678.8	158282905.5	152723194.8
13943313.89	12808391.99	2672952.886	2841222.204	8214130.151	4112453.058	7763153.625	7930471.079	1818093.205	1328634.554
2040689.135	2115657.782	1486884.787	1159125.053	1042804.825	818852.1992	742225.0307	696509.8291	2215328.51	1861740.298
15543009798	9796729495	11404948064	11975618578	13668068708	3837163635	17580642257	25969487612	10107758027	11881102703
3304751.161	3399552.308	913127.6962	843966.2643	1094832.89	898802.4064	1023663.543	902646.0224	385580.7264	273328.1956
13333302.02	14960001.1	1694500.517	2670148.289	3690870.499	3472348.768	5266305	5167957.955	428475.2518	640797.3518
28408429.53	21054427.53	4543529.007	4472937.674	5393045.585	4946474.815	6170957.273	5924102.481	3313893.527	3021957.573
188251.8162	256442.5043	2663892.268	2130420.155	1207847.162	848509.0652	1095593.214	701656.3345	1489374.239	1015604.922
5380319.042	2948099.425	6344868.16	5784288.729	8602457.778	5337852.638	3364480.733	5335916.208	4777166.491	3535345.735
72937.04547	64682.6543	44706.40585	52586.79028	57121.16476	70295.41763	65455.39054	77406.82451	33260.39114	34702.86514
27468912.07	15992694.99	12816323.46	21834956.1	22717968.05	29959864.47	21419612.3	24161433.22	12298896.97	15811418.1
789631.5668	830000.6859	450052.987	366552.8261	455813.5587	299914.3452	340728.0263	245607.3699	2234146.111	1793628.412
1543599.164	2202792.882	272163.7271	278873.3174	160081.919	208742.1912	185259.6958	166791.6371	57706.45294	96138.57714
24431283.2	15512453.3	6599880.213	7562199.27	7762181.962	13717455.87	18012149.84	9931169.772	4376030.061	4634659.253
494527.5785	540344.5967	4285036.447	3156635.571	2666435.674	2348634.233	2026651.603	1916321.769	1477520.035	1217324.914
245607.2877	310212.4851	3394236.883	2435103.749	1597872.035	1412757.96	1116067.666	895870.8743	23364164.52	20490524.74
41488.77044	37959.13598	29676.32293	48082.11848	38113.85829	31377.51856	31081.71647	53852.73003	33405.60063	31760.4479
15977164.98	16952979.55	23837329.56	19318668.75	12342793.51	13015057.73	10478228.91	7861561.79	6830987.945	6101529.715
55398.27102	104496.6683	111639.3197	508081.849	51629.1038	74721.91479	49389.10643	144174.6773	154030.0943	131278.84
59746098.37	32109380.89	3853776.43	3893726.549	6898967.481	5568444.413	8352194.558	6276063.534	25107092.6	22046122.82
79749.02463	105448.2261	1249872.332	1560156.429	1204531.997	1406094.732	1110698.394	1098967.477	674426.327	681594.2215
7818198.756	6880324.943	836478.9581	1023586.726	2215384.044	1779423.131	3028112.454	2590983.654	301355.7033	242711.1514
9980999.998	8836485.045	9020295.137	7440189.296	6471038.867	4593482.027	5091913.555	4248287.322	2757345.455	1577947.31
443681.1776	578206.7968	2101535.794	3162904.48	2215686.525	3884043.842	3125374.165	2355483.442	1366842.087	1675063.775
10447593.35	6746738.603	5172232.843	4410154.915	3766290.695	3416965.518	3279570.7	2984869.422	4286599.276	3646688.739
9901653.399	10624815.47	28788950.62	21471223.93	23188028.41	16556573.13	19535345.13	17698947.11	14988401.33	11586521.35
43525.93672	45823.81846	80385.30139	68568.51309	65386.00416	55372.13122	53936.92038	48203.62984	63331.64653	51708.30007
113771.4791	98991.6824	98681.51135	107413.1116	109452.5479	130424.1364	127285.654	138250.8464	73168.30789	75844.6628

59233.08096	57894.2464	69447.41892	63976.71484	68716.70865	57735.51468	59651.72822	53019.84925	55067.1905	46979.6952
28320074.91	9653780.794	3889630.256	31413687.17	14211861.38	37067834.98	41742078.14	41742111.47	3252348.868	12129845.04
761826.851	742709.2114	397648.5271	361332.8555	154906.2084	215656.0266	308901.0689	217407.3307	120112.8128	125187.6786
1057566.495	1036071.797	847504.5348	707200.0919	531690.396	494248.4808	516721.1378	444628.9965	485114.9677	424429.6513
1352325.94	1606263.118	3336944.563	3846248.908	3798673.77	3600607.232	3807289.976	3944906.31	2550886.244	2471144.812
47978.46041	44288.98222	267895.5702	134498.1856	89464.49681	92438.98151	65046.14795	119952.7219	9188340.903	8875387.079
8141949.119	8887502.738	1613548.057	1869687.428	2386621.612	2071666.244	2713016.508	2272242.282	507386.305	400463.7848
37442497.95	27750405.81	10686994.25	12555167.92	15089618.93	13628523.31	15282152.02	12579523.76	9326006.013	7862420.955
3966445.488	4799135.882	16321245.86	17558461.29	13259949.36	14343422.41	12812237.35	12099841.89	5223599.594	5610975.863
16991291.89	16172221.09	8852569.637	8522920.03	11685096.95	11463734.32	11850101.29	10722521.29	9373223.572	7274749.57
581249.5749	475716.4784	402475.6962	285227.0554	1065709.291	423952.2801	940282.7653	1039552.387	47839.02986	36067.8168
2008130.729	1580734.384	136049.1601	151443.4256	190059.3747	210226.8754	240440.2884	186034.1507	25664.07133	15968.58449
122251467.3	93522471.5	17021596.95	19682988.45	26365276.7	32475945.18	50617347.45	32770716.58	18145976.12	22053148.59
38280.95919	40241.79512	32375.6649	35694.25109	40143.79835	42328.03277	41834.03111	45309.28622	25965.78672	26716.25754
2483130.856	2091204.791	11968043	9048639.532	6362191.714	6020274.889	6481838.885	5667937.345	24358917.27	23586383.15
1702833.139	2271122.073	25712376.27	18116642.63	9887966.258	6956798.649	7110019.005	4880723.047	7227325.514	5130138.723
14972636.27	14370154.89	3559493.215	3028219.934	5389086.099	3649640.542	5035909.667	4913120.588	2238955.977	1409627.331
18292213.36	17781150.02	28468979.8	23007141.22	19365793.01	16269972.15	16099803.97	14335412.79	31263930.72	27446167.53
5829240.881	4299376.334	3808848.221	3235494.277	4700275.261	4704136.9	4402011.366	4091354.61	2452571.965	2133508.138
10160089.95	9136197.295	2541437.523	2622551.933	3937761.261	3320245.392	5108689.034	4392522.518	1040457.198	433828.4196
1203063.999	1623133.587	221011.0899	151966.5602	376406.252	549318.8691	752162.7918	608965.8218	426994.731	129625.2154
10633460.91	7035128.93	10464767.78	11273659.31	12492153.75	17900407.35	3354110.891	14983511.02	11377132.6	18079216.61
424070.6018	525186.9333	5931273.574	6122523.556	4444450.315	5161585.385	3565709.573	3107902.139	1622679.691	1654157.759
1577128.153	1800323.329	2456322.811	2234092.982	1942660.21	2145910.862	2274506.849	1962788.069	1064107.215	1155354.135
16610896.08	15335980.55	17942257.62	16420469.93	16981168.59	23170321.94	16168932.22	22262630.55	15421533.27	9608578.194
2519929.814	2162276.757	2262239.737	2113953.583	2619063.817	1908264.826	2103967.674	2404958.714	2212580.472	2038524.701
121853.6189	250243.6709	70486.72121	42663.79012	64708.15978	50386.43996	62335.57795	51289.54935	79977.66081	70063.96488
290368.1959	185019.0161	194038.0381	230520.5162	183919.1552	162542.8962	174265.5785	184584.2662	62855.14445	76759.42909
47015415.7	33038988.33	3867404.563	5361927.728	5043911.89	6101319.598	4882788.817	4890374.151	1573370.585	1513907.697
8877913.334	5678343.827	3889559.505	5948919.375	6865153.405	8183364.607	7291651.481	7909885.024	3848642.782	3676337.294
8098225.25	4887960.715	2851600.421	8422881.705	8366847.818	12397797.53	9193520.853	12567151.51	3577127.68	3973871.824
3409690.136	1783941.251	1040832.099	1021097.574	897031.2778	807678.5752	642896.3486	611061.6182	925712.121	825246.1736
259604.2053	458445.9959	2140811.725	1973064.854	1595654.274	1239970.324	1210022.941	1287078.287	3208370.005	2303607.729

41395560.54	30242674.82	34433466.68	34683068.18	39719955.59	38422070.82	34447608.2	55097836.92	42512513.84	10718311.64
3572310.337	3184437.923	2946651.03	2454594.52	3191158.795	3144157.339	2964442.649	2515662.468	494140.0672	336888.4293
1898330.77	3042649.07	2450175.252	3008718.302	2807203.316	18220520.65	2400814.7	4396373.112	2046666.753	3219473.708
1984948131	1392555368	476353736	555408686.4	955560508.7	811217780.7	1072501052	1070138405	231150462.4	219087318.5
102249328.5	94266883.83	14307119.54	14484960.29	28450857.16	27069306.41	34458614.09	35133190.23	8036697.423	6237471.263
32416614.06	31055735.65	6916102.71	9019952.92	14518824.53	13927103.61	17432812.2	19108427.15	3591496.796	2763171.644
205547586.3	162608100.9	14607439.52	39137052.32	50973996.46	61890138.83	155655861.4	35839999.21	3942422.476	11720313.86
1664951.832	2071153.916	3203153.111	3093436.066	2813164.783	2937666.135	2992769.539	3056830.614	2083398.25	2048824.019
2188235.907	2820486.469	4573447.185	4191252.185	4084737.243	5379999.427	4453489.435	5260525.202	4638136.81	3407594.95
681558409.8	587149501.7	292092529.1	312285179.8	349457295.1	391374995.4	398220344	390244043	20035104.22	22215569.54
24710841.48	15392515.2	8657585.295	8784343.964	8706384.637	7451305.038	10655522.76	6591208.921	7434137.62	7223724.852
89701893.11	108713872.6	114024450.7	83988861.3	81458251.37	62838785.59	64904288.33	59719443.91	94471770.42	75083346.49
14957206.41	12511598.05	22903521.5	17401463.54	12465235.88	13899839.77	10539856.6	10903271.19	404093.4586	1498507.893
3552686324	3560120432	3224742865	2654615131	2794223784	2507288670	2464139940	2141967002	3769612177	2516780830
240948437.5	221662804.1	204756694.1	173580444	170875552.3	146328251.9	158254736.3	141423875.1	208419838.6	171935635.5
26354505.37	25121145.53	12815439.93	14644304.2	18906708	15407004.07	15978972.47	15733075.44	2664171.542	2457984.674
29188864.98	35435130.94	28941000.84	28757767.07	32570869.11	23619579.48	25374830.95	17318626.04	26968032.95	27054425.2
59374393.35	62527932.48	42370615.42	34603935.81	30135818.55	25977990.72	26051576.56	26074886.13	19028086.29	15303273.7
7558911.605	8018984.8	21787507.85	18200097.47	9158774.947	8899801.136	6270104.774	5695205.093	19851156.84	21671725.59
240021157	243536818.7	232049306	215736520.3	263785655.9	267989407.3	268522897	216429443.9	675047988.7	797586435.9
1684080664	1373454031	677956583.4	698392266.4	616657104.5	722430883.1	664795425.3	600132072.3	365940560.2	379519854
81481036.52	41360292.75	8161948.262	12902643.41	15517709.45	18247115.72	20784700.18	11455033.79	8415868.234	13556317.41
11018754.5	13680047.87	7186117.027	14708971.72	10460272.49	12156145.46	17628810.77	13796930.45	5788249.416	9631634.265
6120432.035	5882460.747	2210706.221	1891874.607	1376710.014	2384714.084	1212258.831	1157936.413	1500815.479	663561.0523
2362693473	386727623.3	550079197.1	5129881020	4586880851	614899912.1	4868991192	690973194.5	35103923885	35878478367
1159332416	1193238018	835389954.9	927380816.4	1054999279	1197285726	1280042512	1163513681	115375896.2	56737818.52
29885124.66	22422073.39	12376791.87	13974068.22	13220430.58	16129870.97	15129191.98	14963870.14	28647864.7	45453118.09
3094428958	2802591532	4203412644	5004147732	4540204126	5179017428	4825026388	4872188999	16849567788	13637043531
2595343975	2430734119	5069842395	5376901967	4756182688	5194303588	4973473836	4766830585	34446515183	35185569898
39535572.34	33092651.76	26009979.51	50599051.67	79465643.61	101205614.7	249070829.3	29813014.48	65731058.76	165127693.3
4074184.529	2257241.541	2127525.509	1374432.46	2580384.42	1567089.543	1275719.388	1731156.806	2025714.9	1370927.949
25773330.82	63217671.02	72595988.36	40501276.28	110273195.1	46932609.35	43405800.73	40440854.37	68388648.68	79853135.61
9472151.176	11221618.25	29572423.72	22209389.3	13483218.97	10177540.67	8218550.401	8027263.111	18814754.01	18230002.8

33607538.43	35637799.88	41042737.92	36797993.9	38837131.75	35665665.73	39109212.85	36944764.21	42965573.58	35664899.01
664707.1597	612706.2991	644471.9881	1487079.166	658331.4924	840436.524	1753453.517	458313.8794	388965.3057	318674.9231
4976.591032	3276.406443	3484.517224	2686.085703	3765.303528	3531.974145	3708.427504	4092.876106	552541.7723	487366.477
1106299.62	4442062.638	645197.5694	775208.945	2370339.306	1411466.842	2266645.297	3244685.034	2058481.898	2419841.776
65788.37915	519572.3525	113722.1753	58247.86203	676889.9252	75267.95446	70895.51836	76605.96929	241759.8413	39043.96667
308448.8402	158196.9643	240796.969	448410.6691	119696.8312	3805809.652	382550.5888	271293.4048	152991.3594	179082.1237
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55938.91845	56268.83676	88864.32471	75984.18259	64431.89428	58651.86178	58882.75662	53909.9198	53842.58285	48462.20326
36696424.47	66802166.62	28205607.4	36442945.97	44261538.54	49590815.08	80605316.91	105417960.7	15408882.11	40191929
635171147	578616827.3	594715279.6	509517763.1	508184402.2	456111959	447603950.5	397686190.3	322638393.9	358025935.8
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138091039.8	132541915.4	275396933.6	84735742.28	104604535.7	148105419.2	216640091.7	197039935.4	266738071.9	209135674.9
2355029.579	1898725.472	3445743.905	2357757.492	2076727.58	1812820.637	1714953.331	1401780.054	2668413.457	2243647.761
20983321.02	16170750.76	22335881.84	21945700.4	16455160.61	18410540.94	16607296.97	14359958.31	13179010.9	14012574.49
3158021.207	4092672.05	7081250.953	2706616.678	1755550.852	3651060.109	1802889.916	2657200.225	2484728.571	3959875.515
885420.0999	823539.782	998202.3002	1277500.171	943140.6803	952322.4073	977290.7103	1002005.636	1525594.71	1652066.798
12245186.18	7774291.862	18346992.52	18933508.85	15949243.08	17662430.46	15913311.42	13964829.98	43605113.71	45399872.02
7082541.824	5503759.914	11873227.4	12796024.24	10509335.08	11176160.69	10489885.2	9178646.986	14325029.8	15112228.09
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1525927.174	1223454.37	898114.3285	973199.1414	823268.226	836326.3443	773608.2726	710075.7052	1710226.085	1657426.234
21148483.22	20444162.83	23755312.1	36199712.98	27367007.81	28788807.43	37625793.57	26683986.44	19109522.54	23155849.55
12633013.03	10551401.32	10121863.23	8686940.606	13280293.65	8217845.028	6767216.891	7863398.024	12908044.4	14483146.67
108312.216	212932.2938	561534.8066	615031.5275	340163.6265	209122.9208	247129.2515	128210.2819	2863004.126	4378050.308
216073.4758	201071.7195	185699.8436	195318.807	200496.7174	1745221.961	212903.6445	2751095.634	126974.5482	120988.111
9731658.164	8846567.384	1053896.231	998080.6019	1669906.453	881413.9454	1114360.259	1658632.899	469086.097	150555.612
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323241.335	470825.4529	68282.48685	311781.1266	367865.0547	489008.1002	280536.2559	493304.9832	257572.2776	138037.9785
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12551018.24	12291448.89	11814543.31	11437444.38	9327161.413	11211519.05	11829470.06	12194443.59	6079588.891	6512819.021
43817.83884	42547.46863	72188.09209	204340.9784	57943.7289	47485.69695	45452.44061	48034.82233	75810.45426	78721.9848
48406.6127	46033.51198	37916.04137	39022.16552	43933.32484	47953.47784	48599.43686	51119.64775	107130.022	125756.9576
40497.27171	38925.27879	35513.11938	37195.73032	42425.51913	43552.75124	42397.66761	49563.13667	30623.40344	32076.22601
50708.56068	44263.88397	391637.7508	447919.1433	312080.3516	269757.3195	154158.5814	372965.8415	1274611.993	1270703.313

32243.72977	28290.17262	26539.3308	29299.48241	32312.95729	36679.51152	33677.69454	38156.04928	20850.33827	21725.81745
32103.32548	28401.46671	26139.06818	28799.24532	28348.22969	34798.82376	32166.87979	35029.78568	45913.79233	39218.24877
10707823.31	8045605.055	14647061.25	8926710.292	11305437.89	11967249.56	9295847.554	9816635.707	14789895.51	15571840.69
34175625.44	28808444.2	19775913.54	19397782.43	15928722.46	17304839.2	15513118.3	13765529.83	6816474.844	7149383.321
429387.5967	199870.6789	200378.8937	230997.2475	172926.3863	105806.9289	249039.3497	172296.0046	5313787.388	5839168.587
7370305.682	5994441.27	4681523.787	3297244.146	7657042.817	3678310.358	6020880.511	7043665.258	3831875.374	2281584.131
9723147.873	7379261.21	5180708.774	5099269.074	6468502.98	6002890.341	6450517.338	7911343.503	4910632.396	3315167.406
32343.9539	28773.40538	31097.1301	60534.76863	31150.30458	36131.80869	37223.8402	48675.55711	32484.553	70752.94732
65958.50554	61532.6242	66482.56294	55479.31795	64483.77068	54373.50352	53064.3799	54000.68353	63472.73523	48714.07478
4148359.452	5207490.105	7651556.282	6738417.356	3841492.723	5101576.56	2596179.334	2833555.634	5136606.747	5018426.562
198471038.2	200443461.7	234636219.4	192133885.8	205405001.3	153715906.3	174332525.1	143322830.5	243258867.4	239745484.4
105141.1913	182180.0659	71203.29789	171715.8758	151445.9443	987394.499	89711.09941	335486.0774	167469.5959	50976.77821
974530.3037	1420987.338	207379.6846	176715.544	198386.5235	149039.4519	146295.8237	147481.5044	126969.3723	100542.519
1158268.047	987863.9001	501837.6284	443318.3712	1772691.947	898536.8293	1773065.233	2116355.161	67718.47624	52643.56013
65428.26805	66488.54975	78188.30379	63481.81455	66237.59741	60869.30372	59956.71367	57432.84436	57533.23511	51383.51913
326793.6936	309822.0431	250470.0561	1257490.714	66973.78722	148004.9946	268953.9491	421721.937	1556825.311	1422714.466
2281865.702	3081304.424	5968043.86	4175621.857	1132914.31	3025388.81	3811770.823	3959617.514	4754045.398	3311936.664
35060280.95	44889779.75	25503936.28	57421279.07	33889538.08	41287839.45	66816055.91	40369206.91	20722557.51	26403133.46
55104.12187	105611.4742	49267.01246	43572.67068	50102.43584	47724.53355	47501.33419	44853.36358	41162.4825	99895.6838
4037945.744	4154219.568	3113853.811	2310872.57	1954510.75	1756578.495	1615785.855	1477285.277	4424008.817	3771380.227
994988.8815	4108264.191	1597297.704	1605441.97	409214.9814	625627.0032	3000879.065	549132.9176	1426788.235	369870.9263
210830.7682	254892.4032	79008.6251	243246.9853	183964.7594	59911.19354	148416.0645	306953.2166	61245.86758	253581.9688
97574274.76	100740394.4	171180948	99290867	116145612	82776556.7	111967946.1	114458075.3	109377029.9	122766052.6
1184244.267	1529496.865	241700.7431	188588.8579	141492.089	170162.1131	115081.5343	125127.9522	33829.68323	99555.68338
165920679.4	92616864.57	118682644.6	62242880.9	117435514.2	113772517.4	65012551.16	110733318.1	95344089.55	92654909.05
4738398.824	5345339.816	8729282.031	6621910.368	5733885.371	4615467.734	4686822.689	4736613.811	6388959.209	6015493.18
1208.287156	1147.61263	2285.213662	1712.831077	1687.363501	1488.096208	1448.666693	1183.013583	1494.491811	1099.571939
85710969.64	79085662.33	106787077	184821589.1	112248019.4	116883725	122576491.9	240871843.7	399370037.1	562853333.8
17390562.4	13598707.37	26832380.89	17857434.35	9251891.614	17372726.18	19859440.07	12949886.44	28595042.56	13704704.72
12330872.25	9938771.002	5196252.479	4342331.453	8174631.737	5253049.893	8188343.53	7370370.147	5470373.378	2651007.493
1196056.41	1432896.411	2222692.505	1541480.672	1495551.23	1462292.767	1034981.973	1023811.969	1604581.662	1339207.565
1107903.729	1022350.883	662399.4625	567548.9127	675265.1937	573485.1512	633213.4878	594539.5196	55431.05416	54726.54848
1348161.065	1521153.985	1167909.986	1065376.756	1051191.835	1010572.44	1026299.396	941970.7455	1502572.186	1225894.818

797706702.2	1152058814	824546384.9	1255897393	434394163.6	1911214986	1687018844	3179161320	905957472.3	1836887341
138709605.6	149421475.9	191543291.2	163713857.5	178422474.1	181861536.2	163980696.6	172955960.8	163241235.1	104862353.4
23520885.72	16341082.81	4362389.568	5205691.217	6842501.955	5642812.89	9080473.994	5681193.906	10097259.1	6960845.774
74447.75215	112140.4586	3374450.314	2119815.09	2041740.03	1360381.285	1051311.518	1167969.058	2498464.737	1708218.98
11835340.69	12268546.5	592317.8716	784345.3714	1682639.502	1216300.083	4771393.834	2136627.489	578535.1033	510714.104
109083.8132	100196.1511	321394.0408	234180.6877	229057.0394	169715.7079	203145.9606	160197.4199	12335539.39	10491988.05
170271.7614	196677.6592	188232.0117	231057.2485	254233.4083	118418.9083	87347.17458	145807.0553	209867.0616	178285.563
1204453.397	1184076.941	1756111.745	1266167.291	1517829.617	1229938.165	1357549.869	1269113.333	247602.765	214372.2603
5043391.23	6345056.35	247292.9298	347206.7481	804929.4614	660269.8749	1940438.252	962094.1526	242590.7349	180245.4426
11824.96146	10255.4124	9382.769235	10442.18609	10354.63333	12354.56495	11861.40461	13284.42801	7305.180366	7543.900473
13869140.92	15581143.32	622299.6766	615009.5637	1739606.257	1061705.192	4558253.959	2079592.964	653037.6865	536897.9717
8900145.311	11717908.03	443698.3574	475770.0907	1133173.97	739362.0287	3236059.316	1662389.389	419077.3223	341227.5416
63409.0891	71766.37199	98679.51748	79703.04468	84569.24542	65469.16638	66372.35829	64478.36986	64574.29294	59422.80793
641597.583	544805.5244	379918.1788	281909.5863	1049001.575	429979.556	870898.4462	959272.6058	53635.18681	53360.74558
39215.57075	34444.50253	32901.68798	35732.56683	38095.76285	44907.42092	39664.78594	44860.99368	25238.11536	24884.95592
240735.1517	238579.0696	633620.3379	578922.9211	403312.4524	389174.6134	377931.6924	291305.417	1042384.427	960625.1218
473884.6453	508963.114	348383.0774	330490.6551	359868.1353	273837.7412	315889.8439	340108.3692	889323.5196	894018.3932
421252.5467	545324.091	671586.7543	676044.8789	588252.7445	620559.47	590962.3418	504351.053	134968.1801	136646.3138
18807159.28	17450577.7	3632267.377	4758576.458	5503363.992	4849016.716	6892231.707	5942679.512	1268869.587	1194100.699
89116.88842	258371.1989	2616556.094	3410228.449	397756.3219	772644.0597	149935.1683	916643.9368	8145538.273	8565348.475
35145.18333	31741.79145	37617.1188	39674.27425	34962.97918	42257.33843	40597.35605	41616.80277	205637.5627	193024.7215
10838824.18	10889372.35	8077216.416	6919042.448	5335986.324	4876212.456	4396341.475	4000122.827	11594782.38	9683534.318
88596.38235	67532.64008	60947.74946	64419.06887	67390.73228	59801.11988	61024.58601	59138.13419	62874.8131	52864.59981
7637700.129	7064308.811	1200421.492	1237733.488	1326584.705	1299390.767	1338083.707	1270443.85	582822.5803	450153.9495
2990624.67	2164952.001	743104.5684	453773.7522	1026985.931	794245.0292	1197216.997	1244027.26	661159.4876	314961.5321
1000348.951	964934.2619	1186936.267	1292229.677	934805.1247	1048567.35	1083492.901	823549.0856	5075511.234	6297608.017
6371949.698	5108186.327	2870066.514	2817316.966	2225750.907	2349361.765	2745609.376	2497699.164	1601774.854	1581535.929
34283830.29	20482610.33	2577550.503	2732818.416	4404880.587	3936115.996	3762069.456	4489054.835	2105190.045	1705952.837
8956434.586	9138768.377	2770520.259	2262052.726	1914609.022	1655084.413	1570402.111	1292516.147	2424742.65	2007185.639
1944631.628	1339089.5	560658.0702	582099.9353	833283.0745	870001.3723	758998.6088	815421.5743	284544.457	207863.3892
8107219.053	4948080.565	3026539.575	2446389.984	2684339.319	3564958.901	3037588.252	2338428.492	890663.4363	641280.6492
100395.2094	69456.07572	63138.89049	62769.3959	72647.46957	76536.86533	77865.39038	82043.55117	124619.5208	121147.4483
48586927.5	51153355.96	30532878.2	31273559.72	25491034.79	30114072.84	27721714.13	24061573.45	11652004.79	12393197.43

97022.4177	138794.2781	120182.7795	79670.06133	75140.74097	65259.10472	66766.84598	64334.27859	59578.73389	53464.36043
4800084.695	2169943.816	3594383.892	3747002.653	1739423.765	3004893.208	2843785.411	2570407.76	3248950.641	3865489.13
11987.91679	20565.27522	19829.33616	10107.8023	21462.22489	12555.83199	12749.57918	18434.2018	164125.5251	245353.8005
6224724.313	7607510.457	429942.3974	501649.3458	438829.7567	474353.364	502430.1706	433454.6509	1051663.824	867633.5068
62987675.14	46749457.35	67630131.04	59052641.4	51973415.27	35990924.8	44148392.06	36370742.89	42729019.18	38667275.54
139802034.4	147576258	131483523	140073820.9	122779826.4	116092555.5	139135788.5	120490962.6	159931910.3	123737536.2
16413855.55	16856157.91	7429024.704	8500678.742	8604956.416	8726341.728	10509923.53	8699454.504	2161345.457	3767704.523

Area[M25D-3]	Area[M25D-4]	Area[M25D-5]	Area[M25D-6]	Area[M35D-1]	Area[M35D-2]	Area[M35D-3]	Area[M35D-4]	Area[M35D-5]	Area[M35D-6]
45077.8237	42501.53272	37548.92125	33765.59922	65897.77993	57786.09971	50869.21899	47516.88815	40276.6584	43931.71244
727995.222	851455.6062	864298.8519	701029.4344	1117840.711	1216088.16	1027784.363	1056543.129	907018.9894	1085688.702
4606645.995	4853524.97	3068903.47	3725253.094	1068836.687	590937.7536	733127.6608	887930.1355	746539.4132	713893.0141
455918432.8	429373715.6	406075782.8	325606511.9	206374749.2	233578037.3	204068493.2	197541200.2	196599925.3	188367002
1730192.653	1896713.488	1753873.491	944862.2965	1058625.282	2218025.582	2720283.464	2475949.789	1972422.55	2552921.654
6481764.242	7523630.649	6294523.757	5824718.216	7706140.689	8360312.46	6992203.43	7824069.135	7637686.861	6748372.259
4270895.476	4017327.245	3006691.769	2715455.64	4589284.972	4358262.938	3693833.685	3980488.588	2859957.441	3910089.891
1863417.885	1962131.795	2105828.735	2113682.87	2155202.814	1833135.091	1846142.492	1912920.826	1740435.003	1607207.183
24874756.54	24745939.76	28149846.64	22902074.47	18047784.8	23309177.86	20923577.27	18925159.7	23410093.94	22951296.23
60981.873	50446.28015	54412.81302	66187.49293	54568.72139	25432.03334	23675.62786	57667.92635	21031.26313	42390.07881
608914.8899	299727.971	319819.278	246131.6456	1632228.347	1385366.47	1667903.401	807421.9966	1249156.625	1475251.36
233026.7507	211245.1022	189577.3483	151953.2155	1383338.791	1262222.754	1134538.167	1044279.048	851355.3163	783159.202
173363.1476	198609.0689	296483.3475	290492.2484	463528.4906	327794.8355	304371.7551	293634.3621	182146.6016	301303.482
60168.80476	54130.0881	56581.57863	45565.11857	78286.20605	71132.22091	61095.01813	62298.8821	59392.62342	59945.27517
395729.4225	344276.2415	457644.0784	518598.5419	2737462.975	2649813.95	2132709.548	2672109.243	1845618.216	1924022.019
383950433.7	386944957.8	424852529.8	417089570.9	187673665.7	206647972.6	271523569.5	238675473.1	327361347.8	218836535.6
154186339.3	149964480.8	172151107.1	208215045.1	88837525.15	83358135.6	128772894.8	97936086.28	146806730.4	82751304.61
17845.40522	14448.91197	26131.15439	14726.11096	26396.59893	30540.26543	27419.46379	29842.77859	20007.04406	24962.22409
1266330.596	1080205.301	551915.5667	728331.2502	2923329.906	2181225.933	1525248.973	1405652.305	768658.2184	2105479.393
327448.1474	252120.9226	171636.907	319094.1435	556685.0844	326350.6934	210792.3125	265661.6591	237848.2884	455711.1812
16431681.81	40018794.73	26304217.06	16285338.88	21198627.24	53689463.11	19909308.97	62492351.09	61350734.87	29316115.7
1602928.604	1403939.497	1076637.093	1074156.462	1918032.143	1834885.566	1592971.705	1923465.241	1266436.802	1274085.348
7074458.797	6864386.985	11304111.74	15809497.4	8793079.743	8451529.001	9576134.458	7813674.989	18418112.18	12813099.74
9431614.301	10983904.55	6968674.301	8614261.704	10369791.03	4424833.76	5581727.773	7235929.296	1901644.218	9238237.98
85716723.01	98447121.57	65179941.41	80405805.31	102025430.3	51964967.42	58633850.39	58897419.34	44188262.48	63320638.73
1971290.576	2513062.931	2669311.146	3493969.157	1606836.775	1468047.98	2304936.939	1476569.061	1484237.944	1314141.638
2480187.239	5265279.323	3560586.088	2279689.338	2964431.448	6522057.358	2918883.623	7309084.276	8237462.656	3329491.385
24660844.32	50562549.83	42695990.62	27932625.48	33115333.1	84232038.98	31465814.89	95899171.14	98425547.89	45888496.93
43159.72458	95545.93109	58305.03493	37052.55718	31060.64219	89953.92553	35609.08856	108884.479	89511.72561	44847.97285
2862626.519	3040235.237	3138408.963	2637161.909	1975933.905	1818746.761	1756358.406	1729814.219	1533881.28	1426864.41
123092227.5	113432553.9	100745790.7	89508853.05	137643340.4	139787929.3	138533018.2	140187115.5	127843794.5	119635561.9
11379841.57	14077508.37	17966131.55	15129872.93	16270497.72	20537893.94	19231733.89	17559058.01	25403949.09	16779971.42

544599259.9	499931296.3	397779165.3	391114295.3	4009403716	3748932631	3479544878	3923298849	2848973356	2896248692
2509193255	2729730731	1832295207	2816178793	2457240109	1756783070	2276650315	2441483627	2402972362	1502192571
791435962.2	752204424.3	919434811.4	961304265.3	6319362437	4005690436	4467447391	5213032045	4441103860	3930591413
228006424.2	268832926.3	240751226.5	233034591.6	965222615.4	982781198.1	1005704456	867059227.1	871684217.8	910927165.3
156769439.6	142119609.9	121915796.5	115012229.1	215438386.1	231992704.4	200800258.1	185745820.1	184151644.4	184613713.8
6063523.082	6476188.674	5474545.269	5050151.381	16375701.13	15617042.44	15260662.7	14313857.63	13909347.39	15730161.96
20812309.32	22171673.6	33730164.47	18941644.83	28465111.78	24772283.74	41413931.43	30652813.99	36215216.24	29012287.58
21064184.61	19262212.35	14834000.26	8262531.073	10563660.16	9643476.667	8616314.859	9190601.43	10112161.55	7277659.188
70137.95892	43975.56676	118609.1837	32935.77817	24322.62382	32564.11905	26711.90603	25187.07653	39045.33848	27888.7998
36210278.52	20152663.68	29459002.52	31954189.2	53576395.01	68232574.42	65013095.55	49840865.96	63728794.58	15655625.38
105519953.7	112605952.4	132047567	49163740.46	112384299.3	130925697.5	140280964.9	145566078.1	169303605.9	127269935.9
1978622528	1885411421	1664747303	1497991658	1970120835	2052481166	2152278508	2131994370	2147870016	1918933723
458171126.4	724555047.7	580038952.1	656049377.2	522680890.7	478212383.1	733028875.3	89408892.28	70881359.14	624937383.4
236599660.9	243922323.8	199883110.6	174781971.7	439959552.3	425685744.3	371923301.5	395547731	342046269.1	341705474.8
916112299.7	869472245	789529789.3	565689075.4	530456777.9	630936104.4	561207783.2	585091463.7	518807538.3	500137706.9
113099743.2	94795703.97	105610867.2	93004326.17	647268315.3	698844479.3	597472646.3	704304245.8	557734358.7	582450991.8
1608014527	1824787252	2040118498	1915590851	464369188.9	450574901.8	566086633	600040934.1	626893084.6	490652433.2
4313695.496	5515004.181	3149474.175	5030782.89	3249427.389	6775993.632	3109336.509	3756228.935	4137463.75	9576084.007
5428742.572	5277886.724	5350285.617	5676706.921	2243921.06	2512617.25	2006721.612	2541469.155	2137978.138	2613134.377
4197894.517	6826507.875	8433225.786	6431109.564	2188969.401	2203222.251	1833709.38	2078546.233	1694779.788	1877884.821
88148.98388	102420.8468	374547.4908	298637.5462	133641.4438	162421.1841	98291.56841	123708.8608	609195.8413	240401.4655
38281526.04	33362712.16	29177053.81	27519719.05	37784774.16	55460179.73	42301182.73	47367384.18	39583354.27	38969057.85
8041440.389	7384905.5	7014581.052	5867271.999	6844815.612	7618222.079	4689603.97	5994760.05	3765728.871	5372790.841
10207362.33	9326115.33	9181248.491	10502996.71	9406032.691	9098626.811	7758707.485	7964716.685	7183979.705	8328658.936
22204.67857	28420.78549	21580.20086	31686.76039	10765.02191	11581.79275	4697.581009	8473.442424	22969.593	4912.510484
29440.72028	42361.63643	50946.38678	58382.45997	38980.56762	48878.20921	28110.49056	25617.88109	37644.09587	34216.1225
8596237.693	7283503.116	6751276.651	7660218.83	11479656.27	12896866.54	9295036.705	10385683.8	10966178.28	11047807.36
25615779.27	28500079.69	21984806.66	18357596.54	102175109	82213916.63	74916990.84	83169223.81	59463302.37	70251871.64
50836680.06	63071328.73	66826754.65	54739011.44	81647535.09	77916769.34	86157659.03	87364040.75	93171981.13	81365043.29
55719.60694	32305.601	671660.1546	623425.1421	51382.86705	80351.44836	76074.32909	71794.52107	911331.8938	366677.2208
29594101.99	13956275.64	19691966.56	8703763.77	7439336.846	6528688.362	1234552.243	1495668.23	6786463.428	6917507.956
9717280.714	7444649.069	16766811.34	21016621.64	6313167.686	4104086.032	8080861.214	16699868.21	11900126.07	5482132.864
6533921.837	6681347.708	11442173.85	9870000.647	4487087.814	5957399.797	4789670.953	5764172.127	17203186.22	8009583.559

34380624.51	31914551.35	39107789.67	33738651.97	68986033.11	39733368.85	16298707.69	41821031.62	122184439.3	40937948.52
452433.4788	626483.2883	2056502.855	1325805.657	430793.8219	436559.1431	478589.0113	411885.9779	2040605.698	945979.3669
8684452.754	7981416.1	13051579.39	7690693.214	3473508.45	6123932.942	5396079.405	9062503.34	6452457.387	6407946.05
2217975.031	2292083.012	1603730.066	1905117.94	1417836.264	1156921.768	1519776.921	1022536.943	1557104.938	1348775.637
25717869.32	24044551.67	41785855.18	39590217.68	24382015.27	25587310.57	34012266.29	35711002.49	31041382.94	14873842.42
6259942.923	6864775.083	5786585.949	7187872.899	3268882.545	4686199.936	6367777.132	3459444.179	3679137.503	3592500.277
8488943.361	9362306.701	13732822.98	14062387.44	16509856.61	12277303.08	8193341.645	9557074.045	10106324.74	9162646.161
39621670.19	56403319.65	64432364.62	42917132.97	8087341.216	10216661.02	12270362.96	7807406.048	10859705.15	5605849.042
823807.4179	17429382.92	506312.2154	7312527.983	8791651.871	792254.3724	1970951.257	29402491.52	28680113.5	773788.6374
5574210.506	6026734.989	5963649.518	5257081.81	2564286.555	2811493.558	3440731.16	2830424.505	3040784.507	3227035.915
4957022.614	4698958.225	7204090.156	4925076.697	3592352.419	4584283.14	3619315.062	3993402.985	7745488.012	4373353.488
8920531.487	9445376.501	9239466.876	8354234.002	29213555.46	28084304.99	27152677.98	30721434.96	7170871.361	25812517.83
44699343.44	40807643.23	34425612.72	33355695.39	33673312.95	32251217.56	29221501.53	30574544.94	27724810.51	21973882.79
2088166.243	2672787.456	5032870.147	3942017.11	2501572.941	2564961.251	2987976.97	2742215.737	3030094.11	2424951.255
396281.247	452712.1163	429675.0509	414042.9286	448423.2877	502825.2276	437483.3848	426872.3973	439078.6305	425634.7709
1248113.062	1273945.091	1338548.259	1169062.923	645385.9134	628013.3989	618258.5035	639392.254	548229.358	553802.969
25123709.5	45732559.3	18950626.26	6649825.918	18967605.27	5992518.248	8957735.711	10840229.64	16480422.9	20476099.8
4529650.232	4828354.105	4580920.973	3441008.759	34719545.89	34523078.55	34124428.28	30545780.28	24157030.81	21598564.87
67193550.37	79931445.78	73529182.31	53526800.59	27546968.79	46870328.56	22759188.5	46307708.06	35216451.91	43028296.54
2821493.481	2147708.104	1246932.011	1319811.577	21371434.79	25777527.7	16732007.69	17805713.15	16202492.58	17124316.04
3937161.161	3869657.431	2970561.03	3577315.358	16125373.97	10627611.41	11264675.17	9710850.409	9361559.115	7529530.315
48634018.83	48906953.25	36209881.69	36739722.48	29149685.23	38401065.32	33645273.47	30039746.62	35393112.65	28111357
93298402.7	75059973.95	61271002.31	52538646.45	72594810.88	79440087.72	57677110.42	54122036.57	75439560.73	60940111.55
33584510.17	27811258.22	23979482.88	18910226.03	7315527.709	9024414.556	6958913.084	12494655.57	5795970.707	7546024.049
1788194.483	1361473.469	1484631.53	2754977.038	3811071.71	7119668.693	4821940.789	9086656.17	6534174.598	5634593.04
82804.08578	68784.82343	82544.76484	49060.96437	1353948.315	836709.9598	743187.3382	787065.7334	521737.925	859113.4428
1102785917	527448984.2	492656603.7	768022171.9	418468667.6	850979599.8	676889601.6	525155752.9	636654687.9	683534789
4718599.349	3031983.421	3981882.154	4759915.938	6335201.086	5615073.902	5466169.552	5205669.764	2901664.991	6359802.784
36694.31918	39958.78658	56628.70042	46213.16769	421723.3106	254182.7257	273973.7005	403202.325	499056.598	515833.1654
583433.6724	30758.89388	566094.733	44303.69319	865481.3483	31161.16347	829656.8436	742669.071	783013.818	497213.0785
5911968.078	3071686.915	4896276.334	2584052.13	13847881.69	14298503.19	13121051.34	15674522.09	9751092.564	11474068.85
174755227.3	147800846.5	118720818.5	96488602.73	127951853.8	153250282.4	104474121.3	98312148.22	138322339.5	120235011.6
810701.6406	770820.5289	770345.8065	1102239.056	991178.0948	37338.52211	961516.5742	950163.1775	845301.5165	549655.1623

7538902.501	6639183.464	6474987.2	16899696.47	11736507.97	5800693.188	8576929.528	20628680.83	16263503.42	5841414.889
14224049.23	14456661.39	14653013.86	13165716.19	7407466.611	7577938.276	6420357.475	6950456.197	5777654.078	6196160.528
5019.152911	5360.426209	5816.462606	5506.152022	3509.405761	3613.167745	4552.424086	4161.601547	4961.785642	3519.820934
12289620.17	30387408.4	15840805.16	14520678.28	15448285.39	7550270.432	14745333.29	4828933.068	13316186.98	36355837.92
57490750.02	132535834.8	49523259.33	264154823.1	263237804	114033399.8	429364024.8	601795344.2	372085216.8	108991856.9
7892580.863	7919463.105	6578686.326	8358123.028	8989372.873	9337275.333	6624425.589	8620401.41	5227761.614	7900350.838
28988099218	31730997468	33841344962	28561921055	19852398251	19071538407	22768243609	23116350116	22738763980	19659398855
8888153189	11232433089	10352292951	9861452859	4856157056	4908799246	5668268955	5606745158	6386157537	5545005944
50528565.73	56977590.1	62397705.96	59262561.72	67144413.28	67645980.61	77786067.09	63662408.56	77888624.79	54731341.39
262993465.1	298390257.8	339247252.6	293317672.4	87118933.14	100594672.8	115472639.5	108933268.9	139531035.6	98237041.41
3056279.855	2864140.21	2448982.161	2075130.52	3144313.991	2825657.558	3335623.906	2746563.961	3619981.91	3019554.988
192960857	183076474	190259975.8	185233408.4	275143246.2	229799775.7	238379156.9	221252015.5	220660465.9	168440298.9
18890664.95	32497636.97	20537332.51	16118737.01	7661983.81	11947889.24	9025318.082	10218810.62	8938540.238	10089961.69
1064217004	1271618261	732273743	427036362.5	7752600144	6929048055	7596912733	1041192086	6545790169	1217397778
1162284715	1312803932	1250227309	967274448	945288892.3	624949163.5	754550258.2	917966723.5	1091914996	338744584.4
1203628901	166041697.2	1294563225	1193496584	632366486.6	594360864.2	661260032.7	739781339.6	782290589.4	618992183.2
222653463.1	133542635.5	102109086.5	230398711.2	123841398.1	101539975.8	52355601.86	115963491.5	67852899.12	102811768.9
1634707253	3315305684	2061523250	1843341683	569857085.4	632328505.8	735692152.6	675005212.7	858881411.5	1182379545
8924137.074	10629049.22	12297835.08	9933364.606	6722771.574	6938235.043	6692684.393	6584318.254	6702858.563	7097503.567
498108013.8	576017770.9	775094302.1	582575853.3	192346392.6	219567634.5	254577404	222760397.8	293962348.4	217498561.2
26082095.71	24335051.32	16229400.15	13090995.97	18850109.19	21061924.8	10705558.13	11998456.15	19333122.93	13918913.47
28539407.37	13774185.78	15048982.7	24422481.95	22424320.43	11023374.62	25598482.46	30528857.27	28228848.11	9428265.446
1609405.29	1692836.442	1329609.657	1539549.992	1582303.148	1573537.361	1469701.947	1548067.442	1233580.84	1467251.982
229480548.7	166458763.5	236560931.9	201875681.3	57876756.33	114565687.4	194193384.7	106020985.3	98534092.3	143102028
618160.7887	1991135.295	1408502.745	1910327.976	7385386.776	8083048.722	9088115.084	9214334.544	3162664.483	7128998.986
14579644.67	12560389.47	8157967.202	4601380.084	24516329.01	19816713.66	16597291.96	20521070.64	17831542.19	16878789.99
115308.7798	123732.7174	105932.0759	96285.91623	178852.8995	163370.8632	141553.3502	139027.7273	128105.5792	120684.8799
195034.8833	244406.8481	160835.5738	229642.6997	103519.4308	97467.46262	95157.30457	104338.1069	160091.0382	140622.1431
810373.764	904365.2183	712515.2929	690485.7431	256133.8946	420978.5487	267387.1563	186672.7932	198246.6757	248807.7448
717460971	833979399	650427008	986353087.1	6300422255	4268614712	4444099316	5497559012	4451980431	3867393677
20849636.56	11994873.7	10046111.27	8087146.904	2943067.024	3752690.1	3461458.302	4014444.532	2853633.253	2255649.098
861305.6064	873718.7444	1083983.121	944001.9757	706327.9784	650159.0332	624123.2616	883905.3979	1496405.206	681593.46
947460.1865	718606.5419	595143.9217	604392.3512	484195.6886	571987.9767	373523.3005	514039.8778	351667.7139	483530.8446

12156846.05	13436654.89	12817827.79	12709048.04	4761257.761	4383244.606	4060283.527	4612203.229	3848052.967	4047932.013
12878403.65	11537005.49	9963106.913	8699649.935	25415131.69	16198356.62	10026820.63	14847366.79	11950255.04	14849628.49
241434.4743	252382.6254	873698.2447	615476.2888	270429.4271	253231.2635	234896.1773	208432.7163	1370907.001	514147.8862
47680517.38	34574238.5	41258946.52	40508936.3	39956865.56	38813651.82	36838496.31	9458206.405	28271973.35	21540363.01
3767578.313	3221538.503	2874404.116	3160002.629	3126132.64	3166390.293	2694479.101	3210140.842	2944269.19	3377596.169
2908970.158	2975468.317	1798316.569	2366007.646	996699.8733	978314.9646	939302.5988	1484475.651	999559.6648	1337258.042
6614867.716	6910262.572	7360879.819	4974247.333	3384663.372	4976133.661	2733614.327	5099405.876	4183390.222	4104846.429
1709641.331	1756825.198	3599179.569	3873513.383	1183134.116	2059063.484	1420721.773	1235721.544	5260278.49	2754547.59
2484596.119	2676515.577	2724098.49	2756157.619	2150739.43	1992495.086	1829499.091	1980793.276	1741015.158	1651993.721
1460415.159	1663547.066	3321250.443	4616682.004	986115.3076	1404181.612	1713669.171	1234075.33	3252266.341	2763379.238
443066.9651	674531.8073	658989.114	612032.1211	3736344.949	5348711.164	3103736.812	2064378.877	2397178.494	3127630.599
7591364.139	7342213.929	18566194.63	12228605.12	7575570.087	7201482.152	6523079.002	5874693.733	21136774.04	8980508.384
382166.3582	1122512.878	536788.3109	1091044.747	2821818.612	2074445.965	3259423.596	4345782.815	5011545.993	2181920.563
18140928.26	30450666.74	14623789.59	17770363.14	18446626.97	15269663.55	16567859.04	22558620.32	23188995.09	13774884.56
68047.95438	51999.43393	35786.7881	44047.77765	8189.483884	10742.1028	7283.036002	15456.87044	12510.16378	13561.91647
3813922.404	4488487.513	6069460.313	6859650.154	2996510.915	3005884.483	3163082.359	1847639.013	5862297.399	3567470.416
37875.00041	35120.71673	30233.84928	32735.31328	51460.22098	42910.83019	45982.27901	50075.85865	38866.70799	39286.8298
270590.4599	464917.2062	367654.3522	291663.4489	1053035.377	732924.2817	637642.0652	757528.4126	544132.9162	686476.7797
16510572.85	16916306	17272564.83	14776479.96	13397171.91	13307457.46	12317027.9	13023497.75	11145850.93	11797458.07
3826882.744	3158864.673	3594171.057	3573481.162	2869463.036	2860202.37	2031905.889	2047655.661	1982354.792	2194557.237
887086.0667	701425.2822	1890960.23	2626208.375	1040922.043	801253.9358	1013043.044	746548.1569	2493011.009	1634829.744
14951.30149	12237.5903	10021.89009	11057.81714	17029.40968	12899.85566	11507.09617	12569.00856	9704.347881	10732.64109
3333824.713	2680213.672	2436621.354	2668263.856	4227819.127	2979805.485	3790585.308	3439416.653	3374881.459	2390172.805
709431.6763	593393.5486	512336.7923	809482.8772	662078.3805	658804.8282	446848.68	629823.0102	532894.6479	859046.8632
163439.8023	215032.1252	144054.8806	138768.9447	342671.7121	406082.2119	226863.104	242286.2997	176493.019	154074.9118
611748.062	237019.5499	75794.13161	400912.5406	358917.7193	426517.9246	541016.0168	431595.3372	57370.72368	373654.8398
8427050.458	9648000.075	8108900.074	8274384.95	7087651.427	6817885.944	5163191.612	6472459.239	4686831.917	7288719.535
240053.4382	194573.3242	197574.849	171158.9253	175050.9911	210962.9793	96790.47173	167769.8652	94784.9983	143836.66
751905.7999	568988.7716	2690396.501	2935118.861	529801.5678	530223.1053	586574.8781	535471.4774	2731221.924	2286899.818
2186271.872	2090106.579	2318188.488	2192372.578	2396625.074	2292147.488	1795410.048	1447865.994	1714363.956	1929170.537
45936.87797	52894.99385	212196.7138	121514.2267	42572.37253	125156.2421	60502.10426	57702.1756	537669.4473	132614.5587
2203324.473	2057491.157	2422589.728	2262446.628	2492742.06	2330360.092	2083626.546	1761660.36	1590450.352	1913050.917
668357.1125	713837.3892	1400835.859	1116844.111	669901.8927	699757.0373	809008.7863	677395.1727	2936521.299	679722.8663

20058.58801	23229.71751	143838.9961	83340.53016	36211.7792	26973.70187	33529.49862	47770.89356	279537.6501	46446.33058
226317.7552	342015.044	408893.3088	426002.5157	303331.9123	217640.4372	221650.7712	245607.3893	407860.619	394939.2826
40327.78628	121429.4603	75948.18533	45923.21511	70511.95718	139254.8435	45250.82303	85216.74956	145203.4005	45516.93598
48926.39579	31276.73986	31504.93052	37057.66372	28585.3736	48054.57158	28363.29164	32944.83915	1221937.37	38621.94199
158744314.1	204379013	189374759.2	113994803.6	91344124.2	95500814.34	73174335.79	89518646.17	70531470.92	57634819.05
1430977.52	1300068.564	935448.8567	1311472.442	60708.39544	176469.1536	120217.0805	363220.0653	265192.6923	286482.8344
2091391.334	8956549.896	1061560.303	5246167.664	7219412.843	7595049.792	5355129.413	9709471.7	5995609.849	7806724.38
655250.8175	341407.7484	385839.3404	695527.3326	24114.24869	95947.8087	20094.84328	159882.6696	50119.87389	200302.4198
286787606	274719471.7	229578513.1	205718406.2	406410564.4	384502696.8	324729494.7	379296813.6	270156728.1	299748590.2
2415477.769	3512407.335	4425399.336	6036514.434	3140459.225	2560105.899	3024919.717	4330603.241	3357906.795	5332329.07
74309.91453	55601.59173	129441.7319	64212.91835	239341.2175	130599.0771	216211.3566	196832.4978	174980.4355	195874.1721
7002680.877	6417828.506	5541641.426	4799482.747	11152234.46	12531233.83	10215458.3	9737085.373	7781838.811	10416049.9
186816767.4	188409631	248035951.4	192460352	68422598.8	86430470.98	79335946.21	86279952.56	105515584.1	82233275.84
17656196.69	17981149.16	17769225.93	13722974.23	38483311.6	33126851.59	34121671	31267323.67	29028505.17	32051499.06
324427.2842	325307.2981	405269.1306	247420.8998	216565.9335	38022.06569	211892.0056	228987.5157	268185.3138	233158.4381
92659.99921	34199.07707	77799.22685	203439.9069	284674.0628	188913.5144	181880.1795	306513.6417	400544.4506	243320.4251
9382267.721	11076986.63	5983632.702	5835548.724	3972348.612	9078053.409	5111685.642	5934182.51	9723155.633	6528092.245
5812561.107	6601819.015	6285698.09	5561892.124	6729685.166	6098098.545	5953274.369	6679728.238	5797057.799	5642262.098
974365.8106	1170277.873	508743.1205	538892.4858	2073696.441	2432087.426	2591086.661	2307308.635	2629923.212	2544491.079
26517602.45	24095181.79	19755141.78	22778649.72	48247844.8	45058502.41	35182028.48	38861270.74	35023803.27	38687416.48
10252617.73	11754776.97	10555042.52	11497426.62	12849969.34	14616178.07	11819763.26	13935066.37	13000590.55	14763179.13
11740585.1	11244458.57	9726841.487	8935160.652	3602673.789	3338010.979	2877944.804	3325796.526	2554879.142	2624433.349
207304837.9	41479966.59	54430224.69	181949565.5	110146749.9	54572393.24	117413797.5	53873973.49	6936973.619	121857743.9
772112.086	842277.1454	834739.2368	898918.9389	293861.3752	361554.0814	232190.0904	416827.4525	270216.905	394902.572
3431066.429	3467036.683	2668542.141	2444862.716	6714000.059	7826394.036	4691828.576	7005589.394	4261178.688	6129487.959
523055777.7	1069129660	1254716091	490631854.6	211186452.8	1120051170	563841622.8	689843597.3	628983349.7	531632425.7
99101352.01	131509501.9	119368329.1	128374915.9	64702257.37	74228523.19	95513882.69	19880970.55	104922074.9	78055502.19
22305.39084	22669.86312	25387.74182	22022.03036	16015.32987	25037.32262	17381.57619	16910.88325	18379.54156	14893.15768
327599413.8	317370578.7	257440574	199432540.4	2812634671	2910667986	2907726478	2378957812	2471683975	1432856667
25461.57238	27709.01332	30855.01474	25879.90127	17538.49222	19738.47978	20292.38206	26144.10675	21369.06158	17720.03286
4018402.997	5856180.979	2565135.15	3761150.499	917550.7959	704905.7815	818768.3513	684153.4726	599036.3654	879035.056
14317.64144	13922.19402	11851.13332	11287.32334	16117.99794	15960.31919	15831.54759	15152.30302	13390.4366	13775.25974
1041984.538	965063.1471	828280.0061	880085.3896	1228667.759	1684843.054	1103179.133	1359102.267	1135928.955	1464905.414

16622796.91	15996936.91	16579232.6	11118738.45	8818665.975	17785154.61	7278638.084	12452481.89	17136358.82	20232085.61
50596.29127	42171.19287	37561.89586	43690.48549	1009520.365	578116.3706	583919.2222	429454.881	313221.2103	315579.4805
30279590.42	27394230.79	32990598.05	32930243.06	38838579.65	41488107.6	42611533.14	37511059.32	39755213.84	35349558.88
11939815.98	12012199.84	12164823.82	11598538.21	16568357.23	15970624.22	15075759.16	16226735.56	14263803.37	14879934.43
110470.8511	83891.48956	96521.41059	83579.47474	112216.7	221062.1708	224061.6341	164315.3317	143154.5874	140135.1908
1070784.515	1011427.817	655191.7477	828204.0512	123723.9145	154802.6766	139914.5124	280547.9679	195893.7031	223595.1264
3031938.515	3028002.382	3066502.047	2636749.067	1805258.567	2108777.308	1818973.513	1963090.535	1828371.897	2333066.456
5893385.544	5479320.19	3374269.132	4384835.047	9518777.351	7116324.567	7305514.458	7312302.022	4808974.206	5912497.048
3872227.638	4977204.106	437244.7207	3349267.396	5543986.083	4839982.933	255422.4977	4301043.008	371968.5025	2629604.205
25514233.92	22556141.42	15015481.53	27009315.51	28470887.98	7598982.847	46246571.04	17888193.56	50407089.26	4279927.151
1400402.008	1303899.674	896805.6301	946968.8524	96085.55704	195080.1318	115809.3928	292653.7734	202006.0873	360238.5843
727254.0634	686118.4183	531253.7591	527942.3478	715908.2326	500948.1237	395841.3825	544853.693	296980.8379	417538.0459
3290229.723	3409548.295	3451764.452	3163721.428	1924711.26	1783992.796	1795828.707	1926539.573	1607231.065	1786987.027
29025857.09	14633647.18	28073199.46	31052863.32	15432314.16	28258888.23	32492189.92	29476254.79	14941814.79	32296822.05
3948228.08	4141807.722	2682593.923	2734271.745	14205000.96	14183976.85	6629258.975	9564497.744	8638178.633	6159000.21
5513472.075	6073102.584	6331164.604	5135220.421	1859938.672	2145005.332	1836648.106	2045768.171	1760599.891	1970839.564
242403.7925	189744.338	138950.2015	124129.6599	864574.0132	873670.4178	381535.9328	510415.2606	257277.9175	477881.4024
1168391.081	902849.178	865317.0575	842109.7948	1977362.168	1672962.746	1213664.54	1071167.392	823968.5627	1393376.535
120236.3725	87068.57332	165941.5564	153085.9219	54670.5422	53385.07941	72716.49308	64827.43264	55723.70291	40084.41061
8348412.81	15002986.61	25135610.16	29359996.91	12693054.26	12038884.49	16316945.79	12906547.75	34698486.02	26401002.33
1353945.45	1330894.38	1227613.175	1143415.184	1894472.524	1780362.396	1404098.118	1558560.166	1280766.36	1402778.329
240762.8133	210158.6985	123553.7668	58719.67528	770378.7169	528430.3506	390663.7373	601108.2566	248821.0565	426298.4849
1179773615	1155863293	1039333502	1043574187	1152613613	1298088052	1099256218	1110879478	1248532907	1169723840
1798324397	1692615401	1562322978	3821669281	2829003820	1540873188	2085943056	4535036984	3760791799	1456101858
11317233.88	11467455.75	11722816.23	6538466.789	23119622.07	27196307.69	24674501.17	25496793.18	23900107.37	25145656.59
6866307.807	6868113.469	4843917.299	4846050.393	1932587.485	2353836.553	2030208.823	2419546.939	2057981.701	1358591.264
16310658.73	17931386.53	19171052.85	19475848.53	20175850.99	21484052.2	20320691.55	22257819.33	22441161.93	19929203.99
7660700.086	7540262.111	6054543.316	5750614.431	11561232.61	10260414.73	8136628.506	9739101.877	7471371.118	7523516.774
221696164.2	207690043.5	407414974.5	696039691.4	175620424.1	184730833.7	224734160.1	193225752.6	609241497.8	473882363.7
750645.804	748197.4539	590236.4941	487289.9225	547469.0786	520499.9288	402692.9814	475533.6219	401743.513	449860.2293
6167023.733	8321500.314	6914779.038	6796908.241	38038385.98	36682607.03	35117562.98	34691016.79	43156549.15	29979502.64
82503748.77	72956140.6	53713223.31	77884359.5	68573953.19	64894935.74	49765791.82	58469935.39	51595996.5	68052623.88
35666990.67	20954061.5	40431007.61	49728694.46	10608842.48	16002790.16	10216679.44	13854859.3	37988264.81	58632980.69

9391892.499	6949831.078	6407140.546	7111830.651	15105689.21	8839258.767	11017155	10665945.64	8964008.721	5853617.914
425552435.7	1195413227	1739754455	1963394589	1237592648	873212177.5	2024487809	874266920.4	3489818665	2231246306
74048.43997	136161.2001	430450.2842	635664.6036	50823.98883	55752.88797	77059.73092	92195.82943	1182631.91	110877.9364
4013396.936	3227052.805	2648830.903	3280687.884	889152.5463	1398198.399	843074.0588	1876464.64	1584997.736	1925496.98
44792258.87	35977173.76	39907932.72	45535530.95	6846743.163	13984357.33	9711815.745	18051370.88	18718094.8	20658431.8
1150684.007	1049542.971	374634.2657	590068.7763	1363038.285	1640753.954	1485303.82	959135.1452	1168488.932	1411010.515
53094421.1	88412515.34	163873888.9	233443879.7	101078023.5	64788138.01	146772609.9	96076479.34	362466945.2	168916708.9
892462.418	1496047.433	1271171.453	537847.302	1053067.841	2037615.752	985546.0713	2732983.578	2286812.666	890849.3497
683948076.3	663447311.4	593688273.9	555506554.8	1684571835	1308805504	1161627488	1226250738	879783305.3	864139966.3
1422303259	2680914692	4939363226	6167485808	2662314871	2079391657	3551746854	2679106341	8917839573	4473778704
185095.8766	229605.9693	244039.9933	228342.7563	211262.1638	166161.2824	182398.3375	206388.1629	154368.6622	165930.8782
5748.687101	5070.858476	4698.521429	4104.708226	4272.947801	4632.786134	4069.46929	4346.391947	4510.622873	4386.454367
235261.4351	68621.14029	173265.5545	177458.1558	336327.7991	292874.1026	254428.0196	268188.6921	214004.0767	149994.6009
97486.13442	138089.8085	140728.9899	102739.4504	145268.2909	111032.2014	75306.99874	166184.5847	218655.9686	75925.75216
566551613.7	555149939.9	483208009.2	607992915.5	71431835.78	147642911.5	112191997.4	221090057.5	214682119.4	277496971
122411781.2	120175618.6	129287685.1	133373946.8	28629959.61	32816246.72	30120019.75	36520245.03	29539295.33	34226790.53
1346464.129	1420089.201	1196052.239	898182.8021	871679.3387	846385.5657	727192.7755	578767.8417	611082.9143	489748.1602
94696226.23	75667750	67291112.94	74946326.46	17700145.66	31648474.69	21028526.11	45504425.06	37821536.72	45796094.2
14332465.3	11661552.28	11838229.88	12727169.16	4379046.985	4660809.797	3282187.825	4543953.275	3832384.062	5231799.178
123059198.4	99322487.34	87768211.79	98768360.24	16889147.86	34196949.43	20856667.67	50831356.32	38844828.23	56061385.21
264969788.7	277450059	271481698.8	253883115.4	195326201.9	183168025.7	171501682.9	181410931.9	152878105.9	157384286.7
5166221.993	5165722.56	5704373.559	4820294.614	14574276.86	13081943.46	11313170.42	12396208.21	9777857.186	10957089.87
37305027.03	38402884.2	37570550.19	35303301.23	32523819.45	30257495.04	28734209.8	30869120.13	25731295.25	26721893.76
3737697.324	2910181.293	2124922.717	3311476.704	1529143.923	1873484.839	1482228.34	2536979.739	2064013.599	2064039.521
4680405.337	2996204.904	2102343.445	3981341.471	816137.5104	597018.7448	709892.8671	869613.3667	588733.7612	726071.665
15674783.41	18549303.75	13073799.04	24898150.55	2996940.384	3083558.707	3042900.131	4801658.205	5109792.972	4759510.164
1147525.546	976905.8953	945940.4231	754022.0319	1745142.648	1300650.638	1305871.677	1145916.287	1070240.885	1214627.191
858887.7311	831208.7916	602010.1825	721719.1082	545081.0928	555176.6029	431329.1467	387617.518	468524.3639	491865.6362
19983045.13	20456219.14	18732687.73	22924311.07	8988731.935	9339781.883	7868470.242	9113190.127	8821953.161	9965211.58
19688972.07	14568316.8	16722779.83	29306590.65	2014055.075	1383627.053	1333533.416	4782525.334	1311888.632	1552980.409
404354.0752	553670.4551	730400.5135	667253.1071	336198.7665	181982.049	234864.7644	382454.175	234657.0435	422485.4712
10432728.41	11082600.77	11097788.54	10301260.24	1885466.835	1836401.591	1847417.873	1745961.315	1470637.098	1673133.944
4530858.229	3216480.013	2661345.223	3295071.843	712090.7101	1058027.081	633694.4601	1253362.179	1142166.469	1572937.013

6676982.396	6259522.015	6272206.428	7241951.515	1004200.272	1790634.6	1173237.01	2418930.763	2572540.861	3025679.038
15991261.34	15035128.08	11753648.53	12052135.12	17937060.37	15784154.68	12535800.64	14675381.42	9884821.998	12424753.75
17596098.38	19143757.52	18597525.7	17807902.09	17499770.25	14023131.78	12610022.05	14876005.59	10935381.24	12099662.39
197622.9402	163443.8241	141330.7031	150509.5653	69688.07616	70812.5006	87245.7702	73274.85042	93560.79332	78951.18233
295116.3449	289258.8282	294752.6642	242614.6976	100029.0178	130135.0503	105032.3771	93226.32062	102595.0918	122721.7064
4057047.973	3083072.938	3001294.977	2863933.576	4713716.867	4819209.714	4273238.924	5024352.132	3726541.324	4394980.41
117934.1086	155487.7892	73451.65255	109440.0214	102812.5421	107603.6015	109254.4491	98626.5819	77987.32689	72794.08679
6016386.18	5747292.824	4886730.003	4474906.023	8983317.235	8140267.644	6515988.805	8216628.367	5668026.05	6540286.85
237830.1462	135755.4755	115796.7611	102510.6854	44175.94058	32772.45112	19954.7332	21872.50554	16323.68599	28823.99349
23843296.9	22973223.75	37447595.64	41071168.79	23726548.53	25300384.41	31749216.57	42460693.72	31469738.17	14433291.03
862637288.8	1104560309	979651538.3	810655585.1	563395342.3	616000741.8	600406247.9	661592802.8	550467023	589408429.3
100382599.7	90580594.39	108898416.7	77489456.91	97981258.59	84040388.14	93227784.93	94488244.39	100082115.1	76554671.53
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1790372.007	3196494.577	4411762.006	2739039.889	292906.3112	904402.1238	559356.4422	1816848.684	986919.7829	2180008.3
4704005.982	4621883.469	3768592.237	3503539.996	1412591.456	1366654.296	1066709.278	1098704.1	754550.8505	1062386.063
5983099.748	6116828.173	5067818.566	5974982.974	3627493.689	3064642.061	7840051.167	2335172.579	3827171.72	2153815.18
2749684.489	2305401.456	1512094.265	1781907.843	552690.177	990161.0838	529927.6108	1311474.347	1167065.256	2534413.486
595880.587	207122.2947	302642.6371	82490.60394	62064.88967	59995.76483	57513.91633	65713.1304	117370.5811	266765.9894
65004084.14	44503334.3	38148082.53	48666241.95	435648128	475364837.2	406022322.8	461882614.9	260072871.4	950829854
10311320.51	9725427.367	9849465.716	6802962.713	10728798.31	6353663.952	6456004.65	5538525.101	4726173.644	6275907.832
247340.7785	267258.0382	217891.8716	136948.2036	2401645.957	1218186.531	1206512.054	1081062.346	995152.8743	1279180.632
4962887.685	2504534.02	6654420.844	2830377.381	2969505.042	1806647.901	2768475.108	3493530.365	4533667.247	2691339.03
1431492.91	877118.328	793323.4658	2159245.812	632091.7394	195689.3169	469788.2021	658626.8679	335612.0796	145919.0777
1364241.821	47749816.1	1066066.436	19355827.42	26549120.72	1316553.217	5537369.547	80042448.58	80485454.97	1026963.175
141445168.5	503536400.1	311501265.8	246851477.5	788777224.5	370781661.8	736915552.6	471591253.9	562454795.3	549713001.2
38361077.13	31947641.44	29828994.19	31922881.74	7085808.642	13483989.56	8971215.073	18995476.6	15807856.13	20195330.55
4065915.967	3536754.409	3646307.536	2664907.602	2810546.794	2579916.401	2363014.583	3155863.783	1785666.885	2162257.762
1552799.83	1638057.942	4729904.343	3593993.825	1737342.232	1285731.869	1316398.386	1097981.067	3899477.553	2031652.56
166947746.5	160417930.2	162210070.6	153543581.8	74805856.1	116339858.5	73912575.02	122785347.2	101032111.2	123213299.2
111025.532	82754.87381	86547.44856	104761.3478	175031.6514	138496.7765	193507.1119	131455.322	114085.8917	107354.9634
4614651.762	4080917.285	3566252.138	3339025.922	13262002.46	8471715.163	9018354.619	7307371.014	7441983.529	5515944.566
12382995.35	7459153.684	5749258.77	7765901.017	14216718.85	9339687.398	12068632.1	6606313.647	3985399.256	13517088.18

6477426.178	8618349.234	7404381.927	4515795.872	6229555.14	12248578.44	6275492.344	5733472.915	6326086.508	6834195.215
5815167.577	5052749.751	4081107.629	5107624.51	1518149.188	2256832.793	1217674.6	3049355.553	1927167.098	1824892.362
2309484.243	1987386.717	4813536.963	5467585.889	2202498.302	1993927.467	1830766.871	2279707.019	7343874.527	3198409.637
151931410.3	157082396.2	136214344	200014948.1	179871091.4	137217612.4	158829734.8	204402290.1	181169781.2	168686327.6
4640.786837	7115.992826	3941.845178	5265.339741	14502.91141	7290.384684	9803.619828	6487.477699	8821.84793	12641.38392
112566.0169	65207.99028	51728.26959	65724.09033	353363.7576	276664.6359	385203.3747	383256.1731	298096.4858	312457.0986
97471672.38	108522427.9	82758384.29	86910412.66	118724476.2	116563112.7	116851955.5	108711649.4	90500616.67	77056850.01
16314.93023	17092.91218	11768.8	22443.0444	89602.82101	78841.2077	58013.74202	36654.24699	45452.81494	34332.31375
26295398.78	14890824.97	17217292.72	20744244.85	6116730.786	7922657.926	11628370.99	4844927.101	9101924.022	4767413.496
2833302.526	2534393.968	1337942.381	1772176.782	550940.4647	894566.6843	637989.9753	1612129.953	1508185.648	1437653.287
60813976.15	60267367	55517405.96	72947302.06	3325085.388	8702483.611	6026114.83	17679057.38	14601779.16	17407569.97
71430.52466	37478.84497	434293.3188	84676.55151	63046.48942	37087.28832	29647.70632	17818.46939	37147.94456	26140.67599
933634.3036	1438348.941	1037223.373	1553034.732	659635.3746	522044.4187	449767.8426	778146.2071	497127.5992	792326.9136
1537719.793	1692119.717	1478523.749	1428444.499	1069162.12	2603111.801	1292122.423	2559637.938	2367619.023	1771643.961
821111.4688	860756.9407	534423.566	403525.0555	960499.828	746694.9092	509316.5001	680118.7943	516139.1424	558868.9693
17962.24311	17834.51138	15144.52574	14519.86256	862184.5053	868194.1305	631197.5142	506934.554	483678.0269	341787.2667
385661618.1	42912714.97	77274154.78	42673237.07	20598634.93	239463064.9	80587291.05	43893022.31	74418266.73	28842730.55
934198.45	765382.8835	984868.898	1116385.706	1826508.231	1441335.583	1189899.334	1551832.983	868754.1417	1792052.918
151754.121	140144.9709	254732.9863	182707.3841	8131419.58	8633023.788	8081571.411	9893711.305	8617340.377	7082549.524
1392668.713	1650294.643	1019459.785	1000640.751	1191720.697	1751371.214	1151148.186	2065377.71	1244525.335	1355887.552
451310.694	407556.2733	437381.662	410769.8398	1659787.625	2400006.043	2879006.115	3525715.29	1389409.333	3393574.714
2961676.111	3806611.583	3135936.896	4241763.865	2023248.148	4423864.115	3270646.551	3937798.6	3783093.106	3519619.114
785898.599	801641.6077	814573.0411	667290.7718	575014.4057	623461.7329	508145.3667	499794.2177	420541.5823	553181.5222
485881.1711	596425.6992	435893.0208	414150.8184	713490.6091	817609.9073	645192.2232	822611.0095	555878.4933	589857.7807
9686611.583	6146229.984	4038163.185	4755551.205	4298296.798	4426105.061	3291450.777	4449147.504	3528528.998	5455943.804
2761171.756	2858829.882	2931790.08	2700536.287	2196553.412	2151930.544	2012047.198	2194699.014	1868984.563	1847768.008
428589.0542	316888.8787	281239.3298	429468.549	8262839.217	8859387.269	6325273.841	6917409.987	4998681.878	4732089.082
53749.82002	51358.83528	44512.25716	44762.70562	209613.8135	193185.7577	138296.4659	115580.3491	85409.81229	144285.3214
587646.3781	553658.8749	428967.5826	571867.6864	595641.1937	623529.6233	526848.0149	661121.5996	653582.0396	712384.7185
425200.6181	367795.988	439216.0406	351660.5368	2336974.96	2066751.388	1494115.295	1156459.341	1136137.909	1111743.879
893304.8606	416704.904	430579.4458	725164.0434	30359.11132	99727.60442	49044.76849	115319.7288	24892.63958	175292.5371
100623.6154	126144.3708	92380.7569	59483.52064	200568.4271	260193.4544	184015.5402	166777.417	188725.8906	304213.8026
4231249.114	3954652.933	3511096.581	2706392.657	6338102.65	7431989.3	5243490.187	4560594.241	4277826.675	7333462.339

201629.6081	201910.9452	223532.0863	165217.4436	220455.9762	210690.0474	201322.0302	193823.7557	176437.7681	236411.4525
360624.1355	333917.4386	267298.3245	278771.2172	961297.9569	936679.6616	799452.4539	807028.4713	642566.5564	717709.9095
2784303.668	2619365.865	2142834.148	2578953.732	2375821.121	2149697.195	1882383.172	1919307.923	1670441.695	1895899.185
1678434.45	1181108.58	674488.3181	1731848.588	50655.07468	64020.23526	58787.81426	69115.4355	68606.98949	85698.54196
457649.8493	586525.9314	456555.2929	413290.1448	641617.2094	637641.1931	662589.744	573501.9652	498668.4777	891638.4074
27471552.4	27755212.07	15343731.14	24480787.17	7971067.401	9880774.083	7825372.121	15776418.37	10403399.47	26449446.27
19601499.92	18441464.58	9665003.149	12301574.79	3589469.756	6213536.911	3682481.784	8029519.126	7026793.965	14498346.12
44998.22002	40292.03413	32611.36005	44602.28416	309593.1192	227903.5033	157720.7635	151839.1293	97755.18181	158206.9546
758707.9871	883838.9307	879286.4414	715705.0831	1017031.936	1282139.892	886923.1559	925829.1037	817668.1469	1193749.903
444498.0753	9739891.356	353471.4216	5480417.319	6443158.156	348257.8363	1248896.676	19821684.29	16342663.72	357853.1175
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1294452.454	1372700.742	1198848.715	1243627.619	134361.6137	133065.8112	121701.9794	141561.2597	149197.2015	114601.7747
55440135.78	51538844.58	44657127.26	36517131.02	253160838	487540124.8	506867733.3	429886157.7	444798206.5	410652643.5
61388.566	73103.89162	340362.2604	190692.5781	284444.024	188214.3724	250703.529	175366.8901	182339.1241	171037.4507
218034.7694	248914.6775	225422.2896	209073.7736	1848125.758	1673807.603	1595325.094	1592389.239	1438597.164	1363167.626
1346.297866	1408.600605	1525.75939	1354.516168	937.4100398	950.7626132	1157.098701	1072.953139	1259.625066	924.2693456
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1241926.405	1086403.438	756312.1274	1089949.318	4688717.171	4839461.437	2988112.117	4022808.011	3149313.125	2162459.274
70654.22075	117219.0912	339932.0249	227877.39	71185.26056	133887.8892	96140.97695	100743.0231	677484.5995	103387.2665
2878039.543	2718985.251	2368879.374	1980070.731	2090559.487	1819013.525	1458874.835	2321260.85	1484582.818	1551450.199
5827672.571	5969994.273	4838574.128	4341485.358	3497142.255	3544087.977	3242652.514	3588118.047	3190526.234	3071860.653
2335754.891	2787252.311	1760121.16	1721403.454	1643355.906	1692668.315	1398260.16	1728572.017	1227825.018	1491231.036
5453935.978	4408912.401	3814673.074	3972125.508	1802941.955	1908122.436	1540272.236	1810811.512	1571321.537	1358113.302
3754154.232	4135385.176	3816446.068	3651654.926	892092.9339	957293.5513	851340.9076	828141.7605	774819.1519	881745.867
6801515.418	6953378.745	5911894.508	6343849.954	5764507.859	5633306.531	4746937.62	5190854.432	4064322.872	4482452.202
2541266.68	2845291.184	2907154.029	2443717.666	2460346.63	2472462.872	2287419.335	2385093.623	2154701.845	2200006.773
47736.96856	17610.23926	29947.69562	50010.20679	2295704.838	1300800.186	1191230.685	1241304.591	1028713.757	735032.5571
811882.3895	877740.8391	725653.929	867404.653	921306.0343	1078799.484	930039.5246	973502.5139	1118116.42	821736.4998
537882.3682	547985.6143	399070.1056	267021.9873	2161842.793	1875266.794	1641919.331	1222769.354	1345122.787	1122014.003
14091901.8	13162436.42	10619593.54	11981265.45	7009331.891	6889384.882	6102737.131	6747361.154	5563295.816	5980379.994
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794911.1966	689574.472	520732.0988	812906.4916	31697.45449	83614.34974	60659.62717	197876.6361	135363.6	155430.965
419138.7992	517306.6626	363262.3927	385464.1349	129166.4785	133337.2514	98237.48648	195430.4893	103760.9094	213906.9588

6079398.564	4993276.438	4348947.703	4397929.01	7015721.756	5343998.078	7348520.659	6701529.878	6327744.531	4296445.986
2307627.606	2436388.524	2542789.897	2314778.095	1492940.36	1642547.601	1116443.839	1174648.428	1389402.238	1581145.57
2348438.57	2352413.83	2307219.677	2516841.586	607192.1021	677869.1497	575304.0473	855947.4142	747823.7656	857739.5564
24348078.98	20298314.79	13482674.11	23414107.02	11109136.59	13109230.57	12040435.35	16194418.52	14290834.67	13866272.76
83940915.36	76116606.31	72314819.35	68837594.99	56108055.44	46685090.56	50539485.08	53469783.63	49362636.11	42444825.66
485138.3838	105825.7103	416995.3247	441065.7881	681014.1673	551673.5103	571313.9953	557934.0164	461182.0185	505506.3847
2692951.59	2596799.191	2484266.413	2785772.659	17915461.68	11419942.04	16488823.99	15427004.37	14077947.03	9708312.257
25064.34917	22528.56429	21187.19607	18940.58093	30131.15859	29593.69375	26679.28792	25022.05163	23802.56568	23947.91363
265987.1803	320575.6338	221170.3146	226747.3677	485275.4286	385951.6987	396992.4488	486286.9865	271644.3469	409886.7627
557643.1851	689197.5549	693344.0591	576045.4495	79392.99998	67470.82639	56027.58495	52811.7593	50057.45395	36743.60233
33700613.92	45942795.79	35738259.01	26200601.34	11642659.32	12510264.3	10276072.21	12752261.99	11373790.14	9849642.982
1946138.39	2185072.322	1226918.663	1406398.224	1710565.665	1623501.1	953686.7823	1117674.49	2022552.863	1048050.047
1291149.531	1340560.251	1277643.452	1293243.309	484625.1311	466214.0853	440529.1654	494710.8509	424938.3748	495648.418
2372041.56	2915691.055	3721409.758	3376955.091	2092794.484	2040801.068	2620266.219	2850530.13	5353192.158	1973476.707
84449.38788	77524.61701	62721.8295	62308.41657	178757.6805	128764.7294	71487.07354	78453.87011	67483.68659	76734.51042
8769979.02	6270558.345	6296800.581	2910448.692	2130349.074	3952731.725	2534183.442	2525560.552	2352002.698	3810604.394
3553705.236	3365348.979	2475703.453	2418947.202	381403.1011	341227.6487	300834.3943	364136.2568	236775.8201	272814.2742
69909.63276	73058.19261	61208.44016	60486.5549	96771.79559	87864.26593	67549.76087	77049.07693	61203.73732	70205.28026
5435009.576	4814757.017	4741425.168	4732267.403	3959340.326	4142544.733	3385475.883	3797379.41	3423403.299	4290149.484
334256.9661	345105.5832	254702.2893	301491.1949	171148.0854	78828.53018	80991.68098	88392.27107	72695.08667	68770.419
2618247.082	2229871.191	2680087.54	2632539.899	5815079.117	3331281.873	3793334.684	3233650.074	2992132.519	2318321.194
10200438.85	10569229.92	23403742.07	31595208.27	7858926.705	9923683.721	9652572.874	8746948.207	29470118.87	25050790.06
263111776.4	264255553.8	271795128.8	240366795.6	106533723	190712888	101107114	206833884.2	147721197.8	212948858.6
9036604.161	8362633.607	6803303.405	5979516.173	8046053.836	7479269.536	6049156.687	6806439.471	4838930.697	6123691.794
6396515.471	6983109.771	6931193.632	6640531.105	5793427.995	5414230.92	5235162.536	5704543.103	4924239.009	4853641.074
2053294.398	2140281.397	1931350.429	1817758.807	4824683.06	4325013.529	4455979.082	4318134.848	3781310.798	4010883.593
46657.26017	48159.1269	39300.80256	34100.6222	65931.2625	69147.37037	51216.84375	139615.4544	48497.72272	61190.19808
4240530.011	5542835.035	3371301.228	8541621.155	786540.1444	650666.0455	475116.6573	2313452.141	517491.1757	1244034.946
20281412.12	26410731.61	21794296.91	16984279.67	15695031.62	29722953.84	11216762.56	26964974.44	15736168.49	17115774.44
8265747.481	8331328.584	6444173.847	5707792.69	4949846.62	5345332.868	4327919.754	4788908.983	3404391.988	3718058.575
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1180396.739	988203.5469	658892.7452	482188.7573	397190.8085	384402.9957	339808.2642	529067.7501	383553.4104	581002.4817
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46750.97833	144916.9326	103628.5134	97267.33095	399575.4631	307701.7404	354687.8799	330756.3857	286894.178	229759.3353
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20835.76812	18528.03308	15999.023	14924.84975	2813127.865	1886999.732	1331008.476	1059653.547	907727.1005	762627.0711
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83070.04622	92307.34142	92723.53978	88306.87674	1881496.417	67397.88918	3134596.421	71325.06264	429537.5431	62527.1396
30829722.62	37139303.55	28106894.85	19476506.72	8847528.47	10189166.71	3463786.401	6987477.097	7019970.668	11337662.29
5597322.356	5581409.348	4079071.117	3781730.969	7187266.838	7810388.183	6447795.661	7220778.386	5923602.176	5628326.459
3674656.209	3525957.558	2854758.76	3286523.487	1248081.156	1387083.622	1125959.687	1619988.507	1150446.072	1489989.835
1172230.091	1081973.8	968802.0187	1078306.44	2736848.317	1801276.427	1963426.705	1762526.096	1687634.612	1301231.123
17154.24007	15860.90019	14754.92195	12772.75248	21425.3812	20474.62689	18143.55086	16979.92602	16259.45556	15833.4127
8334984.844	8034604.653	8180283.996	8695379.839	2861838.517	3355216.603	2954847.852	3283293.376	3167416.987	2984050.205
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1522635.25	33498495.18	8412332.032	2936510.562	6003533.511	3838244.672	4682376.277	7524444.476	43077177.81	52666349.03
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994288.8046	4998797.357	853038.3718	1118061.031	3620080.443	870560.3973	5528870.529	1292618.84	5127240.322	1073862.344
10649576.81	13492805.52	12377420.53	6350916.693	1880509.882	3160837.257	2209445.18	2375538.965	1688801.94	2323907.924
2058161.615	1998928.064	1864729.072	1679939.751	2344308.83	2586783.279	2054643.506	2138378.49	1529521.444	2069928.861
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46603.08081	48003.99295	62560.59421	44245.48316	238987.6366	212907.5561	169106.7871	211897.1899	172341.065	183937.7439
1745414.271	1714067.718	1604996.292	1807718.149	3243192.013	3180068.579	3065551.606	3388503.417	2199281.659	2800407.558
171752014.9	161363522.9	135203978.9	110246640.5	211229739.3	237176768.9	198969910.2	227328968.9	163350430.9	192882451.8
11695857.89	12604738.63	11958837.42	11780336.27	5992854.38	6246121.796	5813315.34	5946395.129	4951054.767	5272537.601
372585.9817	271930.2491	230267.0194	391964.2498	868915.4271	846279.9665	518185.2393	688023.5149	478092.7797	560791.5637
246393.1296	109288.0326	100524.7611	210681.1089	285144.3536	243456.9753	159892.6383	199813.4494	230968.2023	187026.5971
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6460287.961	6587644.683	6432189.791	6419006.167	785910.5568	750495.5045	734011.0075	817291.5645	665958.4833	607677.8089
11094343.67	10887774.75	9282500.717	9340806.451	25569692.62	23579679.88	19982548.43	21989388.41	17402845.96	18370752.5
6604975.249	5354801.725	4499254.173	5458661.983	1426974.888	1417194.34	1136406.913	1522225.241	1521728.919	1823816.264
12010478.26	12117665.14	9455094.635	8636464.658	11963876.57	10118775.41	8798359.515	9968181.69	7426261.722	7961091.99
97938749.91	102081821	101090611.6	96168511.78	71220342.54	67979259.71	64804098.35	69026218.88	62514656.42	61186078.26

13929448.7	12381300.95	7708084.37	11328323.46	5172628.608	4882229.123	3821519.074	5007169.708	4429466.96	4739561.792
140449361.5	147742570.3	140242518.6	87105575.15	32046881.02	30288376.59	40134195.75	36928792.07	21971683.25	29490627.96
29403.00012	31936.00336	27540.30905	30034.33884	657.4884806	464.6053569	1513.524219	516.9943068	643.2894383	649.1567093
487990.0263	255597.2552	1207702.216	617472.5273	313814.5116	174617.9701	233084.5962	187485.1352	167499.8902	128688.5616
18378625.62	50136677.93	38241100.48	17279554.27	16151675.71	18079549.13	19550912.98	14759351.41	14036911.14	20160458.52
259444.1405	345703.8208	817201.6618	270507.077	91054.25431	250383.7604	69253.77052	325984.1918	275945.3237	965274.8288
21485045.11	16299611.41	23880626.11	43062000.79	7322096.834	6384438.817	8836575.244	6450765.655	31518552.41	21367820
64960.6102	61798.81938	58090.99365	45925.35739	66063.55227	71430.33705	58686.30939	57721.31978	57472.78767	60744.86419
2878538.461	1333838.223	1058750.204	2177326.587	154502.5606	605048.0838	212022.7821	808243.7107	239678.1025	1253152.106
6248051.622	6437253.501	5478167.519	7742362.153	10388536.43	10687878.69	6921724.209	12763142.53	5879954.983	12724971.82
3026020.134	442015.8076	503282.6365	421670.5574	69624805.96	8066089.659	239409475.9	2579436.701	141995893.7	8071057.379
18722889.56	24924778.54	28442643.88	27911689.68	15399940.94	15850834.19	16762119.64	25150667.1	14688207.06	20536937.77
13762296.62	9769447.96	16863832.56	28088708.7	25798955.91	15841003.33	32890764.7	48740275	41605685.76	15002739.1
312544.1539	339774.4383	338112.7148	568330.7443	1042607.885	871066.0431	613311.7946	621859.7071	625156.8926	715790.9727
6676106.26	6465626.492	6161551.703	7056039.299	9788221.949	9097119.419	6635382.936	7932655.344	6267396.782	8280192.108
12136463.04	26663850.97	11552153.34	12376035.82	25486423.95	13318341	25257359.84	20804413.49	30127541.16	17543624.91
607812.6056	655533.3004	489664.7051	496539.7262	257086.2719	337183.036	228601.9005	391436.3255	229427.4959	329911.5256
1676285.13	1661143.578	1581459.882	1516665.916	378986.8988	360690.8661	324025.4489	383178.8374	287866.6459	318388.9083
618244.5197	626225.9668	648409.7715	583417.0593	1060146.001	966802.0431	936089.4376	953626.1424	811289.9674	866151.6063
48156.23402	67348.21395	40806.70459	37787.27594	376859.6049	383778.0526	305351.8601	346825.0407	233987.0544	286459.2177
85362.11971	77466.61401	66310.87066	63865.83198	654261.7624	540850.7155	476028.0523	482460.3161	333199.6448	416002.8405
5050689.801	5037610.889	1895993.988	11958466.35	3647967.546	4512749.481	3748397.929	5820274.575	5399809.621	51972175.97
7551745.359	8254840.713	8197282.991	7783642.716	20099827.25	18450971.97	18146488.51	18810080.11	16654054.57	15870530.01
9423232.773	9981710.692	6488569.347	7295109.288	2498266.199	3168786.37	1848886.129	3992840.091	2427736.423	2966419.045
1687660.27	1877732.123	2158981.39	1807875.057	1499461.006	1795336.623	1845680.073	1804887.108	1870064.172	1767566.773
291595.1904	248214.5515	172541.3024	175940.9096	8254231.421	6806977.861	4729968.562	5055478.934	3884690.743	4565260.432
164851.6932	182714.5675	125850.3284	162119.4932	11086.96285	13283.47273	7123.110282	11100.57966	20019.76976	28997.20909
243829.072	238223.3533	229353.0839	261555.9587	79668.10461	73940.69033	67254.72587	71632.88671	59998.64039	81620.18454
1762011.172	1282711.532	1579491.877	2426232.999	886815.6993	1181745.21	933715.5139	933231.6317	1221790.128	961840.5397
851814.5058	754353.2716	536326.9799	628628.282	129160.556	150288.438	116483.4784	340209.5325	100482.7859	278908.6439
382719.9912	392787.1912	289424.041	450114.6098	374296.9089	240856.3772	297524.3334	369661.5078	318541.0358	256379.0153
3214617.812	2693348.404	2150955.958	2225025.861	3403837.249	2992578.866	2380492.533	2788550.507	1933918.762	2576494.967
4505170.464	4656455.746	4852476.508	4385285.179	4485569.547	4129221.439	3801292.237	4283443.125	3520149.227	3635545.708

66905.72525	81991.32	106753.2444	77756.81361	33462.94852	41855.03878	62009.98168	41039.98686	49524.19938	70031.95021
1141065.397	530411.1582	528948.6974	601236.242	566767.6043	466354.9381	496333.2237	390747.7674	508340.0317	450688.765
2392317.939	1417992.729	1569400.124	2304303.153	1010162.284	990145.357	1060709.893	1016821.257	1221113.198	1030758.443
15528.76392	16043.5555	17817.27195	17090.54103	11358.44386	11972.48506	13888.02872	13730.81405	15280.0457	25256.7443
7860419.823	6769144.027	5776841.103	5575169.665	1981699.45	2351922.458	2142803.408	2800338.673	2837720.381	2936055.065
186315186.1	180900155.6	150489154.9	212841774	90838941.23	101412474.9	74727757.16	141081285.8	79353332.48	108015387.7
4042975.707	2895235.241	3782011.703	3820313.413	356624.9277	911918.1238	548348.0326	1245689.833	1104727.318	1745038.422
1913518.874	1843565.625	1375655.708	1430336.027	2683525.116	2386812.143	2004562.311	2484383.432	1829014.809	2074801.197
14734553825	6621401861	4728857341	13467412855	5724173073	11825646453	13948098391	9798402701	10626369863	10854642957
502253.6216	335792.6459	290089.8083	279636.2334	260955.5609	307590.5833	227488.8115	215130.3833	229045.5856	239377.9656
494720.9717	562983.3389	410459.1649	582286.9935	753349.0646	464738.2097	424896.8779	463777.2574	333008.106	409633.1309
5803715.567	3894309.153	2500522.837	4384414.522	879075.6409	814147.5341	830482.4741	1007663.486	898753.5933	951558.9027
1418999.246	996566.3851	763805.1241	823055.4521	3294727.207	2498487.302	1405197.168	1417337.176	657439.6924	1560274.841
6753735.501	9845696.282	3653593.788	2710810.858	4595311.937	11396482.01	3289716.043	4398712.671	2196377.283	4693575.932
34412.53601	37832.77844	38159.60283	36926.1762	22577.75711	23427.93046	29390.05927	26698.33893	31589.92424	23356.7199
10905881.41	10744328.95	10604828.48	14908716.15	14522412.36	8351637.821	10898947.75	16937102.77	18700859.3	9156912.373
2525059.009	2153209.571	2240694.779	3133122.591	2717881.406	3592004.937	3312353.925	2636093.34	3167814.957	2632150.616
36047.31833	30940.68177	32192.70528	24461.69475	775242.2644	587172.3803	500158.7887	511045.6177	396453.51	436010.3264
3362451.667	8408259.174	5832503.351	4713908.614	1994439.224	2183968.542	1842830.053	3255260.316	2196771.531	2656800.188
1536758.031	1041719.36	983380.7055	1078892.634	932872.8068	834358.409	701209.349	545872.3451	542411.9622	707372.8352
19993129.19	18668359.49	16159570.69	15393664.14	5939698.907	5267038.741	4698993.347	5374890.537	4781496.562	4150709.143
29207.91207	22777.12682	24699.20422	29951.56006	35061.18849	32831.09801	30171.44271	30339.91007	27756.99653	27206.289
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125197.65	98369.05886	122236.226	119045.2688	1491253.555	1326534.164	1100060.64	1028648.88	944775.0288	1048412.145
31345222.8	34314187.33	40346407.28	24781751.27	15868879.14	25978690.24	12989215.28	24781830.07	16692433.1	21817509.77
683325.0445	736183.9175	729828.1709	774198.5262	2111973.016	1983368.916	1591653.44	1476184.858	1626280.864	1438751.854
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2912015.839	3069446.318	2473671.839	2222184.528	8245535.787	9959527.175	7866663.869	8925635.483	7391234.164	9780149.108
1259141.481	1477755.646	1399293.134	1180046.66	2060385.473	1826221.928	1424386.876	1412413.643	1198163.235	1249257.42
3361931.451	3467407.704	2915066.931	2812503.199	15631334.96	12575835.51	11800632.17	11974161.38	9395534.516	9018247.423
17177445.44	14974378.97	11938615.42	14142924.47	11501497.11	11814214.95	8802342.134	10125924.81	9299900.378	10406094
53136.54171	53896.1595	46111.60893	44428.21272	97384.09782	95584.74129	76167.82429	66832.52866	61600.40237	68994.79144
72066.06382	74076.43799	83871.85373	73497.11127	51991.31234	54487.6405	62135.07046	57470.63478	63058.11446	49806.3302

56698.92008	44743.06415	44308.74678	37935.93591	58521.70936	54684.73416	49119.34543	48016.34641	42381.58994	45287.50265
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134665.774	139175.7066	142132.1706	271466.6982	627163.7641	683663.3511	396064.8735	610456.2638	343609.9809	477779.5128
440789.4858	394892.2702	315657.1042	389480.4084	3522267.031	2882318.623	2680959.032	3054256.188	2147817.645	2067236.938
3806822.968	3872175.786	3895232.725	3426748.687	709655.8594	739183.3792	541779.9881	577845.1068	621948.8001	603667.1266
7445215.612	7162982.366	6194831.987	5643008.945	2236586.389	2277247.776	1898765.619	2165478.266	1561480.3	1745622.627
1021938.388	714607.2941	538007.9234	775853.4736	282134.0888	316691.8051	205165.4956	298824.8941	247980.9603	274244.3597
10735795.89	9016626.942	9115299.077	9838047.907	9908642.774	9720894.521	8403185.809	10267040.84	8127436.542	10709434.14
5044769.235	4894697.665	5062877.764	5197004.705	9766746.509	8639020.894	7261285.45	6724576.587	6299482.134	7069915.714
8076613.625	8970615.398	5882300.702	5544251.616	3250313.045	2898620.148	3098755.723	3627631.909	2764594.99	2324716.117
95512.272	86556.44969	51364.65354	54165.43426	21241.09954	18381.33259	16019.13259	16250.22651	13661.16337	13836.00777
23397.44423	23701.85821	18206.09932	8615.22027	31333.97249	10609.33221	19026.71403	5034.427438	19776.63503	16447.58672
27431214.9	53109997.23	32714438.34	37400392.53	9351236.386	10036038.85	7129812.403	17714876.47	13180525.32	18392013.46
26061.67526	28043.1494	30503.6733	24388.3628	16303.4332	20210.33958	19522.17346	18074.15721	19423.50187	17015.44788
20526210.62	22505727.9	14834699.02	19050982.83	15795565.18	19562667.47	18014055.53	24252005.23	14934675.95	12943797.91
4542659.451	3742923.461	2928181.776	3145351.256	12647998.68	10399993.78	6179325.526	7048197.28	3730221.557	6109383.91
3456395.437	3087633.679	2217855.89	2841303.706	1084560.382	1201801.643	887805.2266	1509629.628	1222797.326	1751894.893
27564878.7	26435184.51	22077954.01	21007502.51	20829767.8	18698264.34	16214856.27	18217333.34	13108679.47	14695138.05
2756203.15	2911085.427	1774928.104	2120453.495	950611.9761	913372.5402	905962.8143	1268108.065	904603.6471	1363261.104
868263.464	1156564.817	1108324.775	733685.6782	310829.9304	392373.1178	284707.0454	437069.4869	296968.6063	445009.0649
254009.7368	132171.9534	412074.4012	118243.9568	434256.0271	322433.5145	343737.2966	400025.6621	588115.7573	450294.7834
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1425898.25	1512385.885	1631558.516	1205790.716	1711169.003	1606610.326	1252401.631	1371147.85	1271115.089	1355729.902
977296.9401	998793.5333	1011226.087	892904.3429	1215529.832	1134933.595	1104410.291	1163470.385	1043449.998	1000263.004
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2239106.892	1887938.085	1867416.957	1593295.428	2093278.15	2063213.121	1915524.541	1664243.501	1835434.495	1610587.423
39427.40561	38483.67403	39447.16483	32307.1576	58593.07966	79076.36035	64402.50256	67635.41236	57442.12889	54150.18479
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2265912.032	1674239.758	1456199.572	1507763.104	1465885.227	1223472.277	756641.1976	1055091.643	937254.7897	944643.9924
3585843.309	3577647.925	3836091.57	4231984.312	6576559.097	5915259.199	6363001.562	6427378.868	5869134.652	4527197.858
2753241.113	2648075.469	4065458.491	7061759.329	4623636.807	2894794.809	3502472.487	8012600.015	7064323.907	2744294.91
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2426451.567	2502248.947	1806243.467	1672455.338	3647668.999	1497173.204	1359795.91	412775.2246	300217.9571	890828.058

32622315.49	34482964.87	28796634.67	27227973.14	30735295.04	34186626.1	30890916.52	30413613.33	31289393.94	36055380.24
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15159372.3	14786256.72	12689806.91	15429390.49	2969354.68	4386413.86	3365702.694	4495576.725	4262090.268	5159312.694
6853438.422	6028839.207	6426338.167	7308862.238	1020742.714	1658284.12	1193445.173	2241784.561	2083803.805	2675896.828
2886528.464	5942646.85	9594949.402	39121998.23	11767369.91	5616196.174	13658793.03	10092989.22	12843776.49	11999520.64
1597915.946	1449544.637	1501003.11	1243910.854	2732783.966	2273613.386	1989694.502	1701526.625	1693368.806	1604620.677
3215277.609	2908000.453	3656006.933	3427496.305	5211570.396	3671226.161	3689826.592	3080260.68	4682748.423	3492055.822
24990376.36	33647476.75	26019522.64	35787162.64	11932424.19	16084136.81	13842734.67	16850394.23	16867250.16	16560274.54
8362548.85	8699132.853	8137706.84	6916107.24	7776547.137	8080466.646	7745289.429	7762842.109	7495248.301	8427946.207
86186285.82	75599963.61	67143276.08	61980093.87	95910579.75	100783214.9	72326690.58	92250255.79	67348481.83	88679676.07
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24478421.37	27015306.4	17940834.7	20124449.86	18921728.48	18843349.46	16978632.35	20459136.01	14999951.65	20481681.07
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327645591	350724825.8	379886724.5	345273266.7	441230315.9	465354815	483239377.4	462436748.3	504575174	447944699.7
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1348182.561	836892.6805	591673.9813	1438410.699	3079291.796	2017164.81	2696391.318	3180932.319	2501891.639	2111065.343
29745740475	32539974284	34578254142	29298258952	20588872955	19744974761	23516758833	23860395044	23460165624	20299608842
100325035.6	206630829	235185732	98136507.71	25244122.81	28443410.84	26863238.78	26148931.98	23796308.36	24959254.63
24626439.48	31773425.04	59391696.04	39359886.83	43358503.43	22445289.67	51875263.09	41932216.24	25119905.2	27547600.16
11267988442	17218297905	15155941015	17845826802	9772740251	9071689244	10994335725	15529226897	11639152883	10588779278
29064766443	31794727069	33887609901	28635605647	19837009579	19052139831	22761724513	23095171409	22705119182	19623002892
140822371.5	173011604.9	171199940.6	203846942.2	97372095.78	32143776.02	96313633.48	97604354.7	65474488.03	76443482.19
1578160.41	1011041.05	1310566.76	1185775.911	1029226.554	1582095.577	1154872.236	1184966.364	1317705.25	1356302.416
72451661.34	67702079.01	80616333.38	80225705.12	62503148.24	57436311.41	99998977.36	66919608.98	106471044.5	65180353.2
11874249.62	11956468.9	9069980.17	9450926.934	78805090.05	59306445.47	55284727.8	48689771.13	38232063.16	37327185.86

39105992.76	34337060.87	32838750.32	29651324.41	42592688.26	36368093.84	44135467.08	34835088.61	39609067.44	36041431.89
385004.4461	979483.0185	507422.8336	1600199.363	378617.6013	271917.7186	959337.211	328759.6757	439326.3498	242736.5941
511388.1079	626275.1532	443567.0202	397458.758	2629.1725	3119.671552	2882.705509	2886.655498	2907.185351	2596.460028
3463038.654	2460977.991	1579207.267	1610728.076	2613632.899	1145308.079	1298942.074	1383506.847	666069.8025	1230819.114
36985.53155	37242.92275	40811.28569	37747.31514	2170775.306	29214.62644	4152117.188	31777.2277	1229268.068	28310.64261
106931.7298	170904.361	734535.4576	547406.9449	224544.4391	135791.1288	255600.0245	231794.3767	1662982.655	209183.4397
11399107.29	15321001.85	20348683.26	21534978.41	11431613.93	10465461.58	19246264.48	17486777.7	21341928.63	23824087.3
47616.89699	46879.89918	38921.0245	40094.9671	746123.959	684665.9274	574655.3412	607289.233	526800.923	559026.524
17949160.68	9416068.439	35274454.67	34901777.02	3693186.362	4181247.646	9385971.421	11892269.91	11105600.7	11397137.15
393516512.5	313453223.5	230717982.5	199674536.8	202560187.4	194664362.5	179904282.2	187694477.6	166892485.3	157526535.7
69086405.41	60253538.37	65624494.77	54803491.26	35379507.74	41257851.2	32222779.31	35996399.71	29789931.71	30644406.81
159946025.7	235781973.4	93843009.48	122269146.1	263151914.5	176365708.9	91325328.72	97992834.64	151305873.3	63228593.15
2269788.504	2440720.412	1752014.814	1780291.689	3359811.308	2780420.483	2286050.415	2709935.36	1814323.813	2096824.146
12157446.07	13231878.63	12934944.06	12144728.1	12400668.9	11367090.89	10756861.43	11151867.3	9644948.554	10219545.05
2789290.974	3736446.488	5477857.824	3878755.048	1942001.256	1948779.627	2431874.951	2340375.311	2019659.636	1856558.483
1484188.364	1597108.434	1574738.545	1539063.468	12663318.47	12232023.39	12146020.06	13622603.91	10991650.59	11298344.59
41679339.42	42952914.47	43796524.25	41045061.83	33446123.23	33921157.95	31293015.89	34616440.14	28780075.03	28905578.24
14039020.95	13799311.71	14257519.88	12950632.14	16714452.26	15681510.55	15177329.99	16353984.57	13773582.88	14395851.06
2519971.479	2392090.516	1783153.092	1900810.518	2747915.038	2639764.502	2184110.097	2695407.922	2043319.16	2303395.308
1455798.767	1631040.791	1597313.05	1508210.101	3136048.656	2970081.864	2933414.189	3121983.77	2527545.115	2630926.245
22480345.28	20876581.71	25964826.77	18035595.68	3463704.468	1875774.508	1533902.215	1325276.67	1729985.699	2095848.758
8964209.015	12012790.45	10282072.57	7677912.763	8949173.854	16638256.22	9007316	7527921.283	8546075.46	11687992.58
3093682.676	2401470.421	2137141.462	1962162.901	2868725.824	3155191.86	1893602.694	2425251.849	1449586.318	3853928.121
107054.5617	54089.27573	1059292.218	1874848.734	88032.25303	66282.07926	70084.11403	128452.4187	1575163.188	1158454.675
344863.8083	463989.2711	414879.7976	281865.578	3071685.234	4404695.134	3163073.16	4303619.331	2610328.292	4265753.848
26643824.52	26170842.41	20893048.73	19447247.73	24639005.56	23200940.77	19202564.76	21176269.27	16478079.51	17698547.2
226489.7373	104108.7041	63406.9401	237594.5974	264813.442	489448.8519	395303.8984	97988.02493	452284.9268	488796.5229
123322057.7	133943574.9	113811550.5	99462118.16	123420936.8	151839947.7	128304463.5	133913799.9	122065807.2	114119812.5
6157781.805	6883768.369	7029964.988	7668877.059	27607469.87	26846267.71	26074932.34	20432055.59	27436511.56	29821997.35
70554.26658	96421.6827	97489.74599	57076.07354	179481.2802	133651.1592	123054.7969	156572.1442	116808.7615	118032.4967
79385.52518	98235.35929	66113.96527	75171.53729	658472.6105	655055.1486	552268.3873	606911.3564	509151.8405	574223.4468
28259.10044	32722.18872	33457.65801	30001.19067	67580.85057	22081.43977	23155.42855	42446.66528	63751.63974	48847.08699
1144874.959	1157122.811	1235848.908	1078862.622	5407273.533	5222905.027	4738303.479	4871863.364	4283607.92	4453340.136

21483.38695	20793.914	24696.21441	18819.70362	16353.02107	15396.29836	30671.50959	46861.69709	52295.64131	37370.41467
49116.20014	41451.50993	39894.35698	54325.1235	69682.55498	62423.37164	76171.26949	67426.96114	65079.06312	59465.2599
14991869.38	11210196.49	12416510.81	9715457.704	5061453.191	4199588.881	3650901.976	4557967.956	5216895.802	5275630.71
6974756.066	6894069.255	6575287.404	6523212.493	3116033.458	2787022.295	2658496.917	2701869.278	2366284.945	2431633.885
5017954.808	5376880.281	5418941.145	5335565.305	1731123.35	1531408.987	1404095.788	1518915.134	1289559.773	1313074.57
4400474.187	4394796.147	3089732.177	3643706.017	1657107.741	2479392.137	1745167.317	1921301.533	2575127.464	2534563.015
6353452.688	6162515.652	5684362.23	6042406.04	2003161.949	2934032.147	2048559.034	2599331.998	3512536.608	3828295.633
20216.90928	21999.8872	25322.71626	21081.64505	477531.7983	478918.1674	408376.6633	407378.3614	353383.3949	304176.3731
61401.09113	47409.26172	50553.14961	39258.89194	110217.0161	108207.4925	104417.4578	78708.98501	78409.33078	77207.4226
4477560.649	4701638.916	4758479.514	4426979.367	4557862.793	4759654.042	4465395.855	4401801.356	4120181.188	4275328.082
251920455.8	232982821.8	210547039.4	184654539.4	456654112.9	419941299	414682548.8	413518372.2	327178482.4	336400791.4
141011.9086	48833.46277	245405.6368	194022.8589	94040.88798	89527.53974	129967.5061	139299.5431	461798.156	138055.8292
59480.25159	34067.86396	24808.78419	26189.06447	476791.8642	518672.0498	351042.6602	383823.3843	309900.7646	287327.0046
98959.69522	108563.2122	76175.1362	96800.11936	7035.181796	7669.66476	4243.540454	8496.823702	10860.77951	18889.27164
55150.05044	54379.8703	47289.88262	41066.3181	60691.56009	58147.27887	51738.09934	51595.13735	50186.24258	46620.55483
938867.942	1179755.147	1090592.118	826330.036	4056252.151	3818314.582	2278580.013	3775294.79	2925209.046	1906617.279
4239385.791	3921003.989	3639879.381	2559135.903	1657553.605	2374866.156	1815884.602	2482374.769	1446903.352	1342050.275
20472644	19467719.15	22789812.87	50570817.94	33931126.78	23523228.44	23115233.1	16830705.93	20732571.81	17007896.12
37662.64088	36150.39044	56634.79615	30327.711	2502131.271	1660007.219	1284588.839	816657.4046	826769.6564	505218.8941
3914776.058	3715378.23	3126665.409	2866640.375	6316013.222	5509569.104	4257098.794	5241504.66	3595341.529	4250479.875
528863.8973	2552444.765	690651.3356	264970.1379	387784.0385	1194451.867	414593.8373	594236.0624	2193706.529	975325.6421
277955.1921	277720.833	216502.2803	68031.08971	248178.7668	392119.0563	335143.3887	393594.0594	305299.2827	285165.5947
139608410.4	110414185.4	111488640.7	137916890.7	68543311.84	52727167.53	63199245.67	79568630.43	51942516.78	76650441.37
33958.24987	32118.87834	33770.36056	24275.30615	542983.5672	474959.6591	435855.9637	409976.3648	278048.4634	277905.9421
50605541.13	84553737.24	67363167.91	78787257.45	14767791.39	75865455.33	83043100.95	50061837.16	81959757.95	70474388.14
7488463.489	6319147.889	5659283.152	5154277.262	4353607.645	4890337.808	4134963.264	5160817.311	3949124.427	5203220.294
1467.257905	1230.79664	978.395866	988.75858	1571.792851	1650.832816	1173.147852	1162.139232	1042.592622	1182.208732
274588970.8	280472014	204040424.4	205664844.2	1390451042	1027633898	1250728634	1210057585	1117290789	906723153.5
13357787.1	13909049.07	15150998	22114623.75	36079520.78	41777691.49	37855607.3	34972605.4	23374410.77	13347193.2
5753479.259	6098467.298	4364289.555	4812995.773	1432202.364	2453334.155	1938669.409	2909091.752	2681819.816	4223373.467
1636640	1502388.603	1322360.421	1176897.106	8745173.392	8852129.082	6905497.067	6260759.79	6294206.098	6577191.716
52841.72107	85665.59429	44634.55743	59628.44018	31591.68568	24031.07657	38604.18849	24748.80658	20345.30003	22818.16865
1759397.215	1580765.456	1144078.836	1145352.446	3289843.264	3416679.198	2586564.947	2599161.768	2714656.671	2443175.186

758931717.2	1617318718	2864103731	1613249396	1492213856	894229877.4	2277276013	1324424477	6057292685	3154441624
142249203.9	104416661.9	100760792.9	104170690.3	176029351.8	111010064	144301249	129062812.2	128093769.6	88919517.43
9623576.478	8779031.097	8977602.898	10020271.51	5859536.981	6872253.506	6212729.282	7160083.811	7282875.699	10156716.14
2478592.376	2164368.393	1555178.268	1605578.789	3738750.663	3713676.319	2376939.296	2509649.472	1537518.928	2105541.843
1734122.898	1072783.585	903110.182	1385568.053	421673.0146	730147.6044	331239.6714	607146.9633	407091.4016	717894.7877
10659216.41	10168654.64	8196591.46	7962641.65	3227054.663	3302200.845	2694034.493	3095568.32	2299846.919	2453263.91
228023.5096	302664.8054	239381.6374	377454.4846	1205072.434	1331377.93	1321645.012	1131111.288	1114076.901	1313133.358
229293.2359	239371.5265	210772.6136	229595.6096	182352.2749	137774.9827	118537.7002	121087.9551	114673.4943	123195.3591
1099750.646	697251.0085	495170.128	992095.6799	142898.8685	418587.5864	212209.6071	376969.8767	222671.8902	462005.8362
7674.572341	7165.229684	8073.698723	7585.316891	1226894.618	975365.2419	800836.6511	591447.5006	635885.5054	477390.239
2539022.221	1262857.085	1079497.3	1695086.529	546890.4509	1298475.051	492298.4033	877776.7182	356859.1154	1109913.65
1560080.511	1001508.894	770069.8078	1402523.668	323360.4407	535608.6858	228650.3407	553098.6925	247024.4854	687021.1356
62610.41095	61098.3175	50531.22207	46485.16376	79720.24587	75068.46396	61008.79892	61087.08716	57331.91046	63438.71141
80281.66437	93815.42915	56700.92212	73610.71915	23168.04007	18604.77466	17432.54525	17264.04225	14790.81145	14791.56383
24731.86886	25723.46128	28540.76914	25336.70606	17693.68598	19119.36457	19530.37237	18046.66954	19963.60018	16896.49129
915443.7682	894812.4367	760451.6639	776715.9699	2572672.838	2166360.83	1776472.797	2207831.395	1471933.563	1630770.643
871431.3508	880271.9936	885572.3676	838858.9868	976921.7347	956829.8746	819325.2433	919257.6672	774898.6352	829450.6144
129786.8768	135124.3969	127250.8264	125148.9351	3520.540461	3560.310464	3140.019625	2824.330937	2029.24111	3054.859875
1620741.098	1187670.448	795052.6747	1065605.949	2297043.587	1552721.173	1298663.171	981743.6057	842152.4087	1002274.761
5859043.136	6254263.199	6275916.129	6587565.367	20179798.82	19069769.7	14240987.94	18069593.85	16317784.34	12084615.78
167228.7301	164977.7113	174371.4696	168799.3883	517284.8196	510174.2961	416683.528	574088.6834	449088.723	380587.5251
10609087.71	9618007.384	7943567.321	7591030.849	15297785.55	15043901.87	10782728.27	13925661.63	9216452.618	11107715.93
62611.45665	49239.08559	46613.79212	43080.9427	160571.9304	114412.4871	160580.9722	103648.0931	57743.71119	282273.2904
746768.8868	629934.2899	525087.8721	562989.5384	372931.2619	366253.7454	318433.9986	308279.3045	308995.9124	328779.7507
1221217.397	981068.5617	611203.1468	835636.2576	152513.1553	326750.6944	223537.678	472700.178	375319.9113	462232.056
9681405.845	5204171.133	4328859.708	6157128.871	3426024.774	4671707.192	3334935.954	3096805.056	2947533.883	6066540.604
1641474.167	1479694.967	1550476.261	1594966.013	6023995.752	6300128.29	5545954.64	6896858.079	5020889.564	5815690.847
3870116.757	2222003.6	1616622.479	1812259.808	1522288.677	1634143.287	1324047.63	1479591.951	1561383.94	1452905.327
2310120.685	2191468.47	1711671.722	1623854.353	1544836.336	1582698.308	1238144.481	1436574.697	1078857.367	1130950.137
306707.2471	281613.9741	162672.363	224270.6241	282152.6466	337469.8419	270014.2912	459788.4258	398114.2999	520407.5022
1027006.832	485983.6878	422129.1882	471875.762	334838.4028	144615.4577	167150.6836	111141.2248	227219.2635	134312.2826
42848.75833	131598.3435	96626.92307	93928.18857	99084.06555	51733.61217	72828.52794	61576.15066	60892.39492	47581.66758
10720417.73	11517166.93	11556417.31	10843938.52	4477801.218	4468802.086	4160025.028	4900262.453	4027262.995	4413158.508

57267.05158	54902.45439	47325.35527	46797.75269	116511.8496	67888.13173	61393.86701	61302.77777	56007.03073	53416.37527
2939770.189	2899317.74	2468558.187	4090099.822	6692343.649	5143491.153	5841595.098	5738111.609	8319871.98	3079150.875
144922.5526	130690.7643	121277.045	119370.7351	678520.4972	2174960.363	1031536.923	1218284.611	870618.1191	841909.6932
969051.1932	873375.7446	969905.0937	873529.0651	128830.5351	117775.7226	122502.6213	116415.4256	120276.0569	112823.1467
41571529.14	38403464.51	31209864.16	28882445.49	30829992.41	28039307.06	22526527.61	26598649.24	21185925.98	23046598.47
129965121.8	121020652.4	139108209.1	108331981.7	45695129.11	55559534.83	22115052.39	53106565.64	44235695.39	48513522.24
2061191.436	2783923.772	2140786.63	3484634.985	1903029.203	1511969.294	1779091.21	1890754.575	1789434.746	2400594.489

Area[M45D-1]	Area[M45D-2]	Area[M45D-3]	Area[M45D-4]	Area[M45D-5]	Area[M45D-6]
92694.61314	64127.73503	65384.99726	60849.3069	58066.59402	63397.74483
577033.6833	568300.3121	644445.0449	787923.4771	612064.454	564344.802
3309703.923	2893777.515	3902522.473	2822647.066	2548894.922	2881423.986
245169218.3	239588741.1	245146637.5	273797543.9	243560607.3	240787433.4
51305.41556	79480.833	82103.51633	44355.25259	58068.5619	78007.8887
5867893.497	5131592.363	8803511.731	7221063.371	7934066.278	6694461.903
4245001.615	4039305.375	4094758.417	4214350.454	3477908.275	3721982.909
1300330.767	1386211.307	1388362.412	1426191.553	1273939.716	1291615.129
16978802.69	16001618.65	15013048.47	17236167.76	15937324.64	16817396.07
38751.67767	50395.50546	40569.57535	22569.593	44596.71253	19244.44158
2070660.099	2501971.754	2319960.599	2817114.895	3162944.637	2107878.041
2299847.284	2605582.905	2549459.312	2532987.689	2148990.984	2031400.664
3062921.699	3164043.952	3153348.815	3090578.562	2662948.631	2618499.068
69525.40616	69828.90832	66034.19984	68499.80636	59890.26097	62904.83106
8371113.222	8344683.878	8910169.515	8773069.815	7795385.47	7584248.259
202348562.8	196923818.7	192896818	217162021.6	224030872.3	214614909.5
140066092.7	121967099.7	133821596.2	122235701.1	121746547.6	126095235.3
14791.66618	17110.26794	15559.53386	16306.62389	10361.82869	10706.10018
1397873.602	1249380.024	1534046.062	1024035.339	1012962.768	1315532.315
1258718.601	1621861.105	1890754.351	1212634.227	1141846.458	1445403.035
42777001.35	110989285.6	29248175.27	97178277.32	81493876.53	59886075.38
323592.2895	435126.4214	341626.1425	289178.3281	203179.5625	312891.0772
7035517.512	6815678.271	7462715.342	8242805.268	12774779.54	8199814.788
1473045.452	934055.9733	1361803.941	1395138.042	1670561.976	1280053.788
48391920.13	54207106.44	69791596.06	57591187.71	56184960.12	57974630.24
1851273.049	1573314.448	1825942.918	1802184.666	3005597.571	1505709.703
12527764.05	25042003.09	7371486.681	20929770.13	20732219.85	12293681.36
90119562.16	197583785.6	58595274.81	182685664.9	144759553.5	101887655.7
23678.49326	22180.75468	21893.70943	21402.53214	29804.42229	21052.58784
624536.5163	756096.4064	725206.116	817004.0668	753321.3276	675560.8793
93108468.94	98705590.38	104219256.8	109890436.6	98780176.64	110060226.4
17823539.19	14726504.29	12695473.42	17452046.48	18730632.97	15221936.82

3158143539	2801553140	3435523822	3283206511	4003321413	2548024694
1059490185	1810469431	1867497969	2324749501	1830882181	1764471152
3369983322	3169975473	4025024499	2705759515	2917009859	2997671604
560185452.4	606059263.7	569822309.2	557393630.2	558536143.1	490010440.7
115200978.4	113884220.3	111381858	109562105.7	98350607.73	120470174.8
18184033.75	15222013.76	17431946.72	16870758.46	18955474.86	18027655.3
21578005.96	17066073.48	18712198.08	16045640.83	22589762.25	17720555.2
8816283.572	8520501.512	8605284.498	8484844.05	10053920.97	8501899.027
698711.9419	1411090.374	654557.8926	1275026.651	946933.4106	1397153.612
102699330	143782735.7	117198205.2	126516101.1	120678327.1	125949164.1
156550696	180262638.3	174069634.1	172558647.8	178114401.9	173547474.7
1367401838	849066939.5	1768030744	1800872161	1382380045	1853098983
308602587.6	293762800	291193314.3	313570331.9	275217787.7	236779524.2
519559887.6	465672689.3	551553815.4	571782133.1	462556566.5	481059342.8
554455505.3	648928628.7	580529223.8	634801276.4	633061800.6	639575518.6
451388795.7	456368291.3	428930147.9	458805054.4	439534405.7	431652168
345586399.2	377237217.2	339827140.3	307624806.8	360874547.8	401290836.6
2621961.809	2048483.267	6186314.663	3538834.659	2045512.243	1818554.883
1024173.581	971015.2121	623208.9993	935590.3507	902079.2005	978812.5923
1746611.85	1716384.882	1396505.817	1754087.437	1636752.462	1472506.41
135399.288	147843.2038	108042.6004	156948.9286	2031230.73	204175.4855
44428871.66	52858528.25	48950633.63	49673915.2	49504533.49	52004546.93
8653629.824	11471579.76	8581078.214	10275734.97	7711982.072	10949449.34
8345683.584	8318405.505	7935361.998	7938060.111	7948041.163	7507621.171
49426.45277	42815.20868	68299.95958	59245.34469	34362.42957	43279.45178
41587.4866	60395.4755	48540.12684	54908.48746	38212.41211	40191.3677
12321779.49	10583712.36	12347806.16	10620099.39	16558449.13	15504909.99
106595709.7	111300600.9	126911687	132307704	103828141.8	105745110.9
104773837.1	76632575.07	75764830.47	87955217.19	96244380.08	78880274.31
27221.05314	119043.6392	40259.12895	114321.6008	2411844.542	209602.6162
8804053.655	7757299.503	7600268.596	11220000.49	12324104.42	15332362.77
7016568.214	6918169.627	4914314.019	9985236.243	8724004.601	5506409.577
5953793.22	6002645.47	5631008.787	5203041.345	59087542.12	8565739.647

25490550.65	24059952.41	45232002.83	17330092.43	22034373.91	36215912.81
289568.4863	339335.4102	319442.7275	302006.6423	5260388.207	630473.5795
2737230.564	3913537.412	3351685.101	5696760.279	3884329.162	4706781.354
1217572.885	1877145.107	1580339.799	2575249.357	1768299.969	1649796.196
16322233.53	29987216.92	38398691.14	37300024.85	23195964.93	26533515.77
5435999.105	5335920.895	5098518.918	6008949.658	5405861.902	5089666.966
7333256.923	7243222.682	7266907.979	7328472.046	7271181.6	7060421.165
4462295.588	7538388.751	4449626.075	4860718.273	5317169.37	4720448.918
14987202.09	17906245.64	4853722.929	563026.182	29315102.09	22801908.33
570648.9511	430602.3593	464886.9765	446773.4642	427954.2956	536472.7495
3351226.603	3818082.01	3165530.883	3780485.716	24033049.62	4679770.92
5036395.787	4881732.8	5591132.687	7711132.609	5000901.547	4276279.45
10436207.4	9894889.454	7650410.071	10281954.76	8687323.436	8839643.909
1885638.38	1938512.913	2190134.478	2131224.065	1780612.355	3571700.202
708754.9694	668600.7652	691296.1899	629662.5301	680668.1802	672978.7644
1128249.821	1196174.949	1082573.935	1144710.132	1051777.895	1076457.819
14443037.04	14025329.75	26681963.33	24716963.58	10542533.03	35442251.16
784973.3055	1182147.154	955913.9873	966290.7204	797844.1753	563918.4243
65107130.92	75160850.94	65912116.96	90685677.55	69356907.38	70025011.16
140551587.7	168775566.7	154547596.4	191611597.7	157534378.5	186091942.5
3184284.561	3179664.837	4147730.463	2516782.766	2401502.279	2250074.683
29666102.69	32647995.34	24207439.73	33617252.21	29557921.87	18282483.79
61393794.91	94488841.78	68655993.27	60286775.2	51338814.34	62362338
3548226.676	5071673.145	3533728.499	5709782.224	4236468.398	5942837.96
952501.5249	847171.4682	821953.4883	779081.3795	591891.4627	1235099.071
363676.4465	161165.7509	187338.8861	280421.005	159762.3707	395031.8776
168371962.1	388154430.4	365584337.8	566381461.1	281631980.8	328501280.4
7617909.596	5477619.859	6657948.562	4321140.168	3888562.373	4350207.527
291474.655	135224.9233	241179.913	166077.9931	285093.3894	154817.1964
5004188.036	6794611.315	7284788.524	7151118.238	4868029.266	3119814.968
3234686.552	3807201.95	3675564.337	4363030.672	3513373.329	5670265.751
126886792.5	183610944	130481264	115371966.6	100339428.6	120369888.9
4692324.686	4808648.713	5441104.382	5573090.046	4513916.8	3965108.794

7424036.333	10160049.73	10291667.6	5613440.075	16237333.14	10169974.9
2660128.21	3035497.454	2832784.155	2949808.582	2664614.271	2763905.088
2589.467698	2736.919629	2704.765268	2795.486768	2951.66248	2675.804712
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24691611.57	24782241.48	21780575.8	22048557.8	19653810.36	21613642
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1831863982	1837448470	1842188007	1929438555	2050846395	1891388283
76062055.41	80764364.97	83549804.43	81168166.76	86602214.34	83659675.63
143567952.3	133744199.1	126953535	133242076	152647041.4	144666458.3
22251308.03	26589575.76	28799705.96	25586950.5	26766487.26	28140783.78
231206683.7	223464618.5	218803591.4	248914827.4	204585473.5	218927804
6132282.795	7018784.763	6611262.951	6205317.381	6754809.669	6559351.616
6293350921	19193137914	5306621790	17303102280	7791965220	9724737549
347875071.4	184421835.1	158434985.1	322564789.2	223147121.2	208496983.4
165460673.6	226645315.9	243127209.5	214679143.7	190121183.7	230409472.3
74161638.77	130526797.9	78139890.35	133525202.3	35360295.86	105540386.6
308079181.4	350052609.4	316081040.5	340461825.2	361587458.5	348148184.1
14851766.85	14127355.15	13884966.76	16001641.52	14347110.45	15292410.72
216852387.2	191701218.2	189994849.5	201090239.6	224375519.9	214737924.2
15581603.43	19983829.99	20000754.73	12006008.95	10294862.77	16534428.13
10528894.7	7491428.979	10566893.69	9952746.966	11550566.5	7195048.877
6234309.257	6501114.761	6214682.687	5865535.423	5278921.433	5458370.68
42220442.33	49224251.13	62376873.7	57272410.55	44998248.64	51151940.25
2037848.685	1892105.257	2348037.505	2318327.146	2118119.691	527052.8904
18721741.71	19345622.29	15474449.82	22620290.5	17006429.83	20176923.59
16792466.07	16489706.26	16207334.73	19125478.84	15739041.97	14228734.16
848192.592	934902.1405	909218.7882	969607.2934	889341.1536	964655.6438
209268.5667	343958.4041	253593.7078	238934.1135	319171.6772	286560.1397
3327508289	3420543507	3976684110	2961348095	2929057850	3177663180
2112619.195	2637052.318	1997107.261	3423117.927	2358554.644	2526313.066
562998.7517	774816.2216	692764.0316	797581.1569	3416467.891	617435.1231
2914275.639	2275297.011	2753220.266	2246816.884	2103358.633	2879898.899

3591010.145	3685138.223	3697796.621	3545204.279	3585331.261	3424923.795
25243236.78	31522851.34	29726026.84	27955898.06	27408154.18	29034993.4
333201.9717	323774.1802	262231.7171	256499.9309	5557083.718	499341.5668
6739850.339	7416961.371	6947435.234	9613332.553	8550316.97	4534848.531
4866561.258	4727471.111	4499789.611	4996766.794	4278050.271	5204230.079
25969.34184	28621.29554	25807.11713	31450.73487	57914.03738	30657.59566
6487415.439	7080276.488	5070523.405	6955440.035	5661643.112	5851008.007
1427682.64	1147580.658	1173220.593	1559407.22	9523339.251	1763017.148
2438274.114	2458938.294	2568934.523	2365336.715	2375372.659	2354097.83
1464083.438	1253734.411	1609322.225	1614117.462	3815926.553	2033873.405
8012078.345	9843695.463	9074499.608	7049224.945	5950421.56	8748613.306
6868570.631	7195666.045	6594611.699	5408859.132	71798643.27	8843567.606
15057232.93	10846290.64	11766446.67	7909486.591	17315265.46	14375827.79
20117695.38	15770353.57	17464960.25	13396608.15	21826074.2	21352146.52
6724.608743	8159.192172	7341.355126	8376.840034	6368.923783	10163.53435
2096444.171	2607474.779	2830461.638	3332297.211	6499617.355	3517432.552
44614.0162	130709.1367	82912.99584	41820.38315	42080.66279	43848.08216
1444816.675	1298789.772	1437452.725	1628357.368	1456948.747	1539113.457
16986230.39	16388325.28	16461328.25	17110903.42	15889523.45	15282411.71
733284.7206	712825.4879	814759.7881	764469.0382	680738.8806	688503.7331
812432.1831	703818.1762	788252.9159	708016.3293	2563413.227	963951.9132
14015.24426	14269.45204	12862.25686	13546.87637	13311.02521	12292.79655
2232198.864	2035811.333	2558870.426	2082135.97	1872006.093	2030379.2
2011422.082	1747584.864	1918311.884	1735903.792	1462887.85	1869587.565
1888386.678	2857318.491	2015150.451	2098941.472	2232362.356	1529774.403
2080435.989	2119688.915	2300833.113	2594925.626	2054200.522	2095875.039
1369242.928	1549712.957	1267423.175	1381001.879	1215604.202	898591.2125
232168.9684	184114.8218	201019.82	162683.1084	115927.173	142202.0387
318027.4263	366657.5648	299254.4885	376482.4729	1663445.806	416216.8235
408517.8253	451747.4085	447246.1695	494029.1885	428138.5906	414344.663
91458.51375	133688.102	107928.3243	112275.3242	2451294.016	125386.0254
57798.96518	128739.6251	146305.5917	167792.3892	177595.6669	138654.34
591355.2502	681251.6111	573607.5243	692671.024	8427672.513	546708.7003

45015.87248	39897.24857	42915.5455	31241.77933	1403415.105	109052.523
1013945.945	1080793.8	774914.9302	778601.8256	842696.348	845719.7073
212092.9377	490656.3739	177700.9649	536558.8665	444963.0319	297202.5832
29301.22171	31203.26087	27811.79417	30907.21026	3216230.156	29093.25716
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23933.17156	25062.23286	23428.35654	21927.83441	24824.24636	22387.40024
18669188.66	20485330.39	22325831.33	8623951.3	16063695.23	32054199.27
39490.38234	33137.32297	62731.113	33951.5466	28471.10427	94761.35859
377919518.3	403398843.4	409506294.6	398490463.8	351564055.2	351525882.7
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3819209.706	2656703.144	3262170.011	1792008.072	3736483.046	4259696.179
20672083.68	25537110.42	20344426.15	18556206.87	17468238.08	17706278.58
40374092.42	40344233.79	34974018.41	42683839.34	43769059.5	42315903.06
32054660.93	34182476.21	37558901.06	27828119	28702913.62	32621650.91
70329.1918	195468.9557	48893.08285	272090.3059	86992.78166	22376.49057
1641590.568	1376658.228	1413217.453	985891.9286	1460085.279	1113393.21
7986956.01	6071174.112	5982884.383	9599257.42	7901820.286	7689377.299
4423722.837	4527446.108	4530086.198	4271822.778	4378119.672	4063050.113
12894063.63	13464546.58	12904327.72	10585477.62	12793036.63	12435441.72
95388183.44	87799683.85	97530941.57	82920889.01	84593559.94	84722014.32
23988033.79	24070664.74	22923199.36	23123013.86	24002664.9	25237209.15
5069908.603	5758469.639	5532884.388	5079199.115	5142416.076	4939985.115
72707587.67	10510919.27	86189350.26	10577010.39	9745461.864	44073605.19
577135.5164	592972.2149	504956.9481	435484.1217	492526.6088	515909.1763
4970510.46	5215470.195	5966227.735	5987998.946	7144837.709	4947907.622
403791421.2	100567509.8	167308638.1	739321669.1	180161438.8	242204513.6
52276207.94	55176179.92	44920111.13	57281203.83	50418360.79	47219028.49
19179.31223	23493.60677	19770.49006	15175.13248	18619.02902	16161.78905
3896657724	4210201112	3886116941	3962174401	4023539078	3796141718
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1409606.511	1303374.804	1232773.486	1043040.695	1049884.889	1222815.804

14748242.99	31293884.26	19210676.98	27321517.15	16813288.45	18401570.62
1769609.191	1775846.198	1708150.707	1464343.442	1251615.508	1277356.229
38853638.93	42578804.68	39856884.43	34176409.3	40463853.31	36243603.87
12150585.47	12159935.5	12906010.88	12650313.79	12487702.91	11643063.48
521839.658	813599.2312	533217.4352	504951.4092	575213.3106	321269.1678
45442.8815	49274.13127	39254.26058	39220.60582	43910.83842	41769.10153
3350385.254	3436340.122	3699171.766	3474079.274	3720180.202	3363820.566
10910301.29	12053400.88	12018982.37	11422295.25	9338964.077	12175664.4
8789384.658	11628806.57	10837968.87	9066199.172	8386920.691	7003589.474
7725285.975	5918616.315	8445136.121	7819255.859	4240247.342	3936963.856
25364.34828	22529.22966	15850.91207	36068.02658	17665.92714	18118.58613
1361289.934	1276189.82	1372479.376	1202318.946	1019664.648	1016075.137
2928680.62	2919537.123	2985814.069	2873172.073	2880172.161	2698504.087
22856278.43	16319457.69	16241851.3	31458981.99	27055909.77	25515846.5
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220224.6935	263354.2575	239363.4814	248016.1805	169088.8086	166507.6795
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2674024.991	2760736.211	3093271.694	2708145.195	2608681.654	2646983.094
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968405857.2	878620625.6	1127990623	1188224261	1299221166	1057203784
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33857654.87	35893913.55	31061324.58	35073344.67	29067023.46	36292375.03
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9366344.803	10084190.47	10068525.48	10389467.6	8713456.715	9498643.856
210659850.6	143598154.4	183615621	183347488.6	471769059.2	210129106.8
2194290.492	2240882.107	2260384.941	1997339.046	1734137.2	1845466.633
41260017.39	34001459.08	35489059.56	43223488.51	37595585.97	30778294.94
102136562.5	101650152.1	99759700.45	98271002.57	86086117.43	107507015.3
23241289.51	21156250.98	17475895.19	17023630.68	34004509.14	18017710.57

5592882.481	4316015.304	5818309.8	4585373.859	4270646.785	4044372.873
2912884884	1900258423	2519256069	1759593683	2839946907	2051997135
43910.76521	41592.38519	60026.87177	78114.37677	3197667.219	47095.15632
458993.6385	386987.8851	372520.8946	355525.5299	273299.9614	354254.7077
4384600.878	4363434.375	4386100.748	3744780.006	3314194.045	4037913.88
14558858.32	14925066.17	12267121.22	12083124.97	12293776.62	14818766.24
148768006	88757357.45	131733616.6	87324808.92	238675586.4	72936011.67
4009084.692	5838267.861	2674589.492	5920670.768	6458724.078	3958843.622
639979738.6	489670939.1	647195117.2	652525020.5	588798502.6	466559413.9
3773552044	2687319517	3221581621	2721587256	6631915996	3127504094
319898.9815	328260.2473	288919.783	245868.1784	303131.711	292244.4875
5452.506714	5355.848746	4774.087836	5133.564809	4895.36598	5021.51103
916070.0719	1044482.124	1001668.501	988973.5349	723561.9539	797981.7705
365811.0939	341909.9524	292279.5449	293075.9109	296424.3337	317575.2117
48910890.32	61507983.1	38590157.45	34454566.06	44295640.67	47778227.75
19588773.26	19856761.05	19584176.89	19119196.06	18691509.33	18714375.74
12151787.79	10980260.79	13200265.48	22485279.27	10055891.06	11748480.58
14253911.88	16064775.76	11872662.14	11478450.95	10014987.93	10909267.22
5292943.631	6266860.515	4857590.843	5099522.718	4180279.987	5994540.626
16415896.49	19372191.57	12610238.82	8610078.354	9975391.914	12030198.51
198757545	206969650.7	205365539.8	197368210	192546953.8	184685690.8
77383306.27	60573120.66	80995134.64	75006898.02	55813833.79	71044931.62
27960523.75	28973914.35	28887395.21	27514459.19	27007817.48	25614864.72
3245139.805	2951334.448	2961946.761	2638338.843	2689891.921	2474065.924
66563.16603	61330.90452	76749.96578	86053.36333	69497.84022	70454.66236
1565614.136	1751307.258	1387936.795	1123505.553	1652530.377	1992026.824
401396.524	250372.9962	227841.8663	277715.9698	204535.9496	293845.113
1407580.963	1515911.982	1404477.555	1237799.721	1173673.087	1340520.586
17447277.65	18734149.59	16202390.26	14278636.17	17038662.18	16487451.65
1336452.163	3660546.405	2768391.216	2416488.982	2807190.995	3907616.484
36610.35996	53342.88199	39890.97409	28945.99649	32762.90533	52920.066
348668.5292	328553.9182	349578.2789	346085.3325	330332.9327	330383.3792
321172.0796	324523.3038	273929.3185	236296.8944	247299.7061	280607.729

500483.1037	489725.6936	419319.4631	300789.3712	360892.889	421176.9294
21037851.44	20885382.34	21608697.89	21096512.91	17714209.21	18159794.35
16886852.67	17956602.18	16600024.85	14429368.83	15632484.53	15283209.68
317976.7498	349812.0068	310505.3843	328600.1445	313191.6367	226421.7309
281369.26	310490.3933	299041.0774	284129.6557	316585.8806	247456.7099
4075418.985	3975460.996	3935776.098	3957589.294	3511293.481	4140405.444
2698374.327	2967489.583	2691726.789	2753228.181	2220597.553	2247502.682
5408152.081	5602821.588	5376488.22	5150018.697	4469348.824	4748373.936
28317.46879	36036.14605	28966.35314	32406.08744	25914.16297	28673.34883
30233036.02	30187400.72	36949896.46	35935164.01	23228471.72	27973487.47
322814032.4	362295920.7	379668148.5	403540448.5	376197542	324267706.5
38892343.28	49485149.1	53856075.79	50953665.6	44876130.2	45989290.95
463289138.7	665089702.3	479723699	524239899.2	604288971.4	600001670
17810364.64	16926793.8	17052774.5	16762077.31	12654029.37	15241576.77
1276515.236	1435934.678	881312.3069	776856.815	782553.8384	1434179.3
2778372.202	3079908.319	2866607.265	2857579.339	2532210.586	2664803.941
5273662.831	2507721.413	2741348.259	5418866.984	2405436.159	2284822.626
1560971.34	1726245.869	1447879.725	1160054.078	1719563.902	1752387.643
63102.73084	57969.74962	56670.9701	53940.01914	93313.00711	783837.3436
229048719.3	826352098.7	392449753.9	258346712	313170007.2	1569852145
4484331.925	2547376.327	2495224.651	2853481.387	3314741.467	3710272.364
562703.3908	254466.6831	200839.0274	349990.6893	318605.022	507733.837
2338565.093	2178634.543	1494026.507	1838143.86	1753299.076	2334503.079
83925.43051	63967.45775	64428.57553	56332.64522	75587.88089	59237.94008
35435313.14	40405147.9	12130755.67	1616822.324	70959223.31	50074958.44
1120509717	900066503	770875512	669049808.3	752878400.2	1421877202
6111418.962	6210507.259	4986834.307	4844554.565	3792578.098	5331919.95
1648584.454	1647364.565	1622137.984	1641009.124	1718006.2	1291692.989
675478.1562	486248.8833	441865.9257	620044.6663	5345376.648	1120326.089
140532850.4	146196847.3	113589431.2	131177844.1	116224605	136276320.4
367330.6371	344955.0064	382923.2778	369753.6874	332626.4514	352673.4328
2799507.734	2768748.217	3316219.054	2600793.462	1755914.187	1882060.217
85639688	48191638.75	77828255.54	50350455.89	43447342.88	47824307.65

6645439.592	8588292.113	15495209.24	16120348.39	13761641.4	10779696.05
139800.8282	123083.1988	217696.4396	155293.8666	227626.7941	313715.5007
1406072.046	1580916.107	1887639.734	1673623.364	6158480.863	1630655.875
10663851.14	8844999.062	11078796.92	9082540.716	10188474.18	7350828.134
6016.144022	6476.532508	5823.130182	5826.264924	8920.529872	5490.214962
1239189.408	1168703.719	982962.0211	1459888.109	1448518.556	1190320.21
115169982.4	121248220.6	154365863.4	151630011.1	103499884.6	91296999.04
51061.28116	55394.45548	63006.77316	62219.80699	31508.16189	47500.70391
2816728.779	3332455.473	6836416.497	4456011.053	4009298.252	3218749.948
186853.0382	757242.4441	136564.7143	100377.7848	350464.7819	111725.296
192878.1752	209817.8919	147774.1286	141011.5136	141149.3652	164656.9719
9677.28887	12249.98334	9835.357511	10522.00315	14895.91939	22985.24047
936918.2192	953583.9813	865514.7584	720774.9107	802447.9211	970301.9123
885235.6521	1027933.928	973559.2031	958013.9013	855514.7928	865611.2294
27527.66549	72386.84671	39071.65278	27141.76166	53179.91102	26116.37459
619093.7706	637937.5895	640288.1215	605638.1773	577862.935	606835.2527
32323682.96	15538142.11	37674075.24	188085392.8	28922326.78	12788765.06
1608772.659	1413935.368	1432083.666	1172721.426	1282253.574	1618060.606
3959939.572	4405539.961	4192463.339	3859749.546	3493395.65	3638387.36
799356.1569	950488.98	1040595.932	903432.1347	684765.6094	1000644.826
949743.9327	1497907.731	1199451.839	935397.9253	1019051.544	964659.3668
2640918.325	2267445.957	2942919.975	2458884.889	1808833.689	2338354.469
668651.5823	732699.7922	768522.3506	641880.4648	661986.8487	671512.1184
1753451.686	1237524.705	1361180.145	1424948.872	1584180.735	1325023.148
5426454.551	4649315.356	4857952.98	5497121.901	8545754.266	7285657.874
1701782.411	1737557.572	1819399.718	1676567.558	1609264.628	1635256.191
4303277.756	4739471.053	4136116.347	3636672.197	3386933.882	3520371.629
1636884.576	1768880.556	1581635.306	1547864.95	1372922.998	1379179.136
2949419.919	2864771.967	2802247.387	2425895.073	2550323.008	2878366.695
1056407.126	1273581.261	1205270.866	1422531.557	1080960.186	553391.1513
18050.47634	21701.92319	17506.85925	19549.10399	21028.57662	20810.13738
1673312.99	1664082.399	1547581.938	1252514.254	1364127.91	1596918.337
1106499.877	1569831.959	1296879.493	1717179.497	1181810.429	1099902.128

613765.5718	656572.0482	646542.4365	606358.8165	591594.5798	603855.1529
592179.8175	590456.4559	551481.0522	590200.8247	526700.6252	519156.1365
1179272.035	1591272.759	1292851.289	1561420.619	1337024.963	1250463.911
62249.68582	63362.43358	59096.17887	60698.51095	54664.58738	58762.15338
3950280.579	3684592.099	3858073.7	3755541.524	3418537.184	4548170.881
6958871.499	5243613.145	6391159.531	4690089.944	5640037.434	7160227.983
9788788.087	9256930.294	8340372.841	7881947.209	8279991.146	11547727.24
1445285.054	1480800.839	1590416.15	1248491.032	1133399.242	1161371.224
2670858.594	2621310.529	2546215.039	2357035.601	2295156.077	2986509.91
7753439.342	10489882.77	2541427.695	419561.9652	15302260.19	13503003.54
71821.10026	69941.85408	72297.7318	70642.37111	66671.32545	67465.42401
41969.17168	48447.95516	45498.90993	41083.90414	50619.89692	40633.03991
1023698682	1034064633	1028637882	1097020819	1028670405	987422633.8
2368244.481	2378221.706	2471251.755	2096294.59	2311830.954	2323383.381
2809383.252	2897684.69	3134721.655	3149676.59	2706840.367	2715109.801
691.1581005	752.5732976	742.821785	733.2715587	761.8517716	730.8442126
1303494.528	1112533.816	976785.7382	926101.8789	1125701.658	1190667.587
18069315.39	25606218.99	20363849.23	22682057.26	17359229.65	17773139.38
68188.41922	107091.4695	53550.31575	130945.9024	2123399.867	104818.1822
775970.7295	906178.2249	828918.495	818432.7013	755709.1003	750303.6374
6163185.267	6652860.682	6301358.875	7002730.883	6539915.282	6263246.641
864001.9539	853742.4435	892455.6236	921324.8766	763017.307	819584.9309
116761.2925	176402.0611	122298.0369	187892.6296	190162.8879	150128.4185
2178821.037	2252715.326	2264095.089	2169526.339	2222946.794	2049677.739
4589974.907	4373671.207	4694624.098	4843254.408	4111038.138	4253491.371
1695576.246	1639828.894	1687795.376	1768124.431	1771969.329	1591024.254
361562.3652	434603.0038	389091.7232	359612.1067	369519.0969	285829.7184
2811037.416	2685773.695	2605486.505	2561573.043	2639385.891	2616688.479
2805464.841	2993542.778	2810276.062	3104518.143	2796090.663	2697226.887
1632969.84	1963871.181	1968118.139	2412602.018	2053052.309	2020379.328
381321.4007	459439.7688	417183.5006	620055.0459	414801.1617	409255.2202
21547.32561	22331.87051	21976.63945	20156.71793	21510.96944	19883.29403
7781.817906	8555.541391	8852.195102	8700.323826	8064.144772	7955.734546

6237801.831	5656048.582	5445898.088	6833132.526	4719052.754	5991408.941
1790515.667	1964968.779	1891172.501	2031236.798	1941524.923	1671196.047
354481.2437	383444.2834	350231.1279	311400.9097	328942.9658	466754.1438
21799529.56	20145889.67	19928567.8	18135062.95	19050757.97	18208962.92
29669179.7	30385681.56	32297291.87	32702870.45	27475817.62	30008726.19
9845715.917	10864506.03	9955629.341	9735773.021	8915693.493	9461577.916
3409882.315	2477014.503	4045589.988	2934023.402	3151165.988	2365145.298
36494.65234	36880.70695	35589.46628	34624.73213	32998.5688	32041.96395
429179.6342	420603.5952	425433.689	385260.8824	389187.2023	353358.2412
12625.04938	17023.73064	17457.2026	12669.0058	13133.303	22388.20924
23059272.49	26307989.8	21240357.3	28457805.3	23196414.29	24297668.61
1289379.453	1891816.584	1786283.961	1223557.295	833189.8399	1368174.461
52110.15339	56614.47487	58325.5768	75633.74767	59617.73045	63407.62254
1767111.418	2126507.271	2017952.177	2540694.423	9284695.954	1980713.428
240760.4206	240456.0593	275003.9217	271087.4416	165820.1672	249487.9537
5278363.637	2813505.571	3924038.414	3855905.504	4133992.27	5821849.405
185888.922	224500.4231	180609.0333	182773.7173	160435.5581	176242.1117
89625.07939	96066.94156	108201.6821	87983.69293	83126.64662	83976.48274
1583277.621	1665193.504	1468606.429	1543174.939	1559165.977	1503848.256
109961.3211	117377.5947	108540.3884	108652.4907	96423.39301	102619.0004
2769845.836	2205327.4	2407866.618	2429234.684	2709880.813	2256902.475
9234783.787	8031547.349	8166813.401	9324654.672	24557180.42	10627343.47
219826410.7	219623026.6	141935959.4	181491505.5	182089175.7	149774897.4
8713319.434	9232431.048	9389282.061	9576931.907	7625476.828	8048515.461
5618522.412	5755239.38	6106814.005	5632448.808	5565427.005	5259544.015
1957692.523	1936007.465	1917604.716	1810912.154	1932393.478	1662999.6
423234.7296	483566.2076	503595.0758	497538.8054	440292.2003	468279.7578
12250.39945	11553.89625	11478.42054	10744.86116	12997.34168	11090.2355
36072403.04	47123535.37	33961491.52	40912215.17	33577744.16	33536787.35
5472553.652	5681830.125	5417910.412	5650266.028	5168117.261	4643840.899
34646395.45	40399594.6	25770826.9	24618902.04	26269820.4	31754350.2
8489.121173	9045.240069	8454.21161	8723.247508	9676.983376	8956.073377
71277.20258	74156.65722	114746.2296	66516.8984	65939.0781	187229.9959

467334.2846	433270.9129	422809.9195	381237.4879	189822.3399	385726.0617
3308508.01	2889011.346	2977260.023	3261694.615	2591687.896	3153055.819
594144167.2	963786539	1399274555	2037728997	782831354.1	1097303610
736536.0928	786894.283	862088.691	770216.4778	734827.8704	639689.8687
176882.3407	204830.238	197063.4929	274896.5113	209987.5316	199220.6326
1257982.573	1496357.131	1444994.764	1317513.98	1042908.251	820683.6862
1594796.387	1782032.717	1839194.791	1467463.35	1353257.158	1373646.966
815473.8157	53716.45085	4281806.935	52131.47953	52977.22426	3463245.17
4290847.904	5685256.68	4614774.456	4685235.942	4242997.822	4741843.881
9714351.024	7925921.452	10546131.38	11643040.67	10547128.89	9692809.711
880519.779	956395.2106	850030.6565	776268.5226	736374.1637	1004131.111
787092.08	761079.5083	844026.3431	630215.7104	603915.2313	527298.9991
25278.99465	23619.16811	22278.02936	25290.39362	21983.67163	22132.59551
474664.7217	630839.8936	525080.652	738242.7258	665378.2337	615505.6332
1024142.153	1094349.052	1036608.764	1096155.736	1301543.705	1151917.083
221686844.8	172937356.8	160741561.8	230282283.6	208745996.7	225227278.7
1130169.146	1113411.802	1094840.343	1073042.895	858670.5102	925481.0762
4750551.945	1585164.55	1907864.867	1298181.038	3284379.721	1398532.385
1936293.27	2062935.258	1845065.309	2426722.487	2085787.835	1689488.745
2261067.842	2581058.295	2293083.495	2726206.145	2175828.378	2172174.998
264426776.2	429245764.9	291562774.2	219081198.1	203116996.1	306608514.6
3295794.128	3440928.484	3493188.982	3277104.007	3319183.609	3016722.376
9416314.16	9552561.652	9342890.481	9694342.176	9301604.654	9007777.799
41926954.62	44474942.05	42576063.46	44758788.77	37513749.62	37736209.94
6758275.333	7189667.371	6920017.154	6585220.343	6923238.984	6398847.918
3450811.389	3159219.955	3453292.057	3218462.46	3739864.547	2725502.264
860036.7493	846137.1456	830004.8854	816749.8926	877255.7591	806266.5873
30347.1286	35566.48689	25155.89113	23628.6079	36927.1161	26586.6105
151903.1822	159742.2998	166715.4683	164100.9997	158180.4225	146962.5895
137315035.1	145314357.5	143054833.7	141001617.1	125329244.1	125513360
680307.1971	644716.4434	706510.4906	582319.5344	725901.2978	816524.6433
10408786.45	10956666.3	11098168.85	11111541.38	10005361.64	9910596.68
54697423.66	56098828.04	55890991.99	54181039.43	53396664.36	51895913.27

8674920.367	8537350.498	10064071.35	9060709.542	8879729.946	8881394.403
2135714.371	3505889.193	4122299.483	4637255.238	2286891.356	3886041.352
338.8156919	358.3041709	345.5695931	358.9519463	360.4266765	338.5434248
64285.55523	19870.24227	91724.39094	19378.04379	97771.6661	77737.56833
21421767.38	22985843.83	21732922.89	23683567.77	23525277.74	20989843.49
2324136.071	3874008.098	1804915.965	736536.3724	2898132.764	2652757.669
5563337.994	3837528.924	4607662.059	4445162.219	19186226.34	5590179.81
395222.1611	489771.6795	388229.9366	415245.4418	418067.9987	427764.9839
24016.63311	28292.18124	33632.11089	25632.10313	24220.2607	71847.36519
5576256.331	7178815.472	5549437.602	6862239.661	5768639.509	5447319.112
19664644.32	3062111.02	122402028.6	41975198.86	3616331.819	69006269.72
14781069.01	13128013.03	13224352.06	13339436.39	13265721.74	15429432.35
11722105.97	15789448.5	17807508.84	12621260.66	12027450.86	12398435.75
2337577.73	2266247.478	2110900.42	2173958.314	1718510.283	1211988.851
9979565.247	10332591.35	9436024.809	8990615.834	9597518.083	9706270.077
29983157.61	24486110.55	24984025.8	17527237.06	26891137.47	22464545.26
344793.7152	325494.0335	367141.3749	280879.4331	283047.9285	325169.955
214855.8739	216259.8422	209584.0086	196802.737	171560.948	180332.9538
2286613.528	2251037.655	2249634.978	2097714.603	2147984.506	2046378.231
2348840.041	2300232.982	2307661.209	2146389.063	2276315.262	1997779.704
5038808.543	5230848.95	5382867.724	4998304.111	4284750.67	4685527.468
1520415.788	8991349.406	9953435.865	11952030.59	638548.1	9998386.214
9780759.406	9756269.944	9919722.042	9599337.047	9508746.223	9180281.117
1534166.499	1483604.704	1555226.433	2085051.124	1091107.076	1591166.207
2306696.822	2478022.083	2476918.318	2720563.89	2600401.654	2447962.855
14073710.87	14799883.38	15213579.02	11784456.29	12608061.49	11654440.64
19195.53204	18639.75889	16928.02871	15290.41091	13359.05744	20612.49748
98536.46145	108105.6125	98156.06444	101605.4324	85619.08935	94225.39306
301292.8225	392390.175	274258.9469	271847.7454	258440.6205	254918.2726
28426.12609	30032.5853	26758.12781	24884.74136	31583.39882	24468.81208
8388.995912	51541.84397	19088.19499	39335.58877	44429.0689	34835.59964
4724981.873	3568022.705	7440756.44	3319726.23	3793547.349	4380478.382
3136433.536	3182562.591	3181430.311	3335596.54	2931745.19	2852004.064

1065565.194	1128323.86	995452.0214	1014702.072	1017609.954	1001338.29
81974.57519	83430.29453	49067.4823	139914.5158	108584.7045	108988.2941
117023.6752	141188.0735	121221.1351	156265.6466	159894.6962	220810.7549
604397.1205	678917.4443	637930.1388	610282.1621	600663.3102	539076.7208
273805.4309	186120.4762	207251.3265	175448.0512	175063.1547	226806.4176
16455572.18	14224881.11	14894585.36	16405858.14	12971861.45	15336613.6
261682.5689	263089.8051	239562.2349	156996.867	174010.4934	222205.6727
1652661.881	1731871.698	1793968.361	1578196.9	1472851.786	1443989.597
2318007349	5873734801	5780660100	7846277786	4598968412	4606633418
83314.77278	78204.14003	124114.7606	76600.88744	65149.9864	88367.0486
451696.0557	430284.273	549988.7115	370483.3801	428321.0974	425853.1812
35225.77959	50046.53614	38064.3317	38980.6622	48128.01699	54782.11317
3204507.351	3517243.654	3339312.459	3373043.881	1520381.013	1985360.705
1715848.21	12550225.63	3004079.488	6750266.637	2045340.574	4022528.99
583377.7353	598154.5919	605947.2583	566441.7125	562111.6344	549916.0938
10473119.79	13898497.86	12119441.94	9392900.017	14637292.32	10940731.64
449652.3943	644671.6748	557007.8641	428320.0213	399313.1313	817959.3154
3546261.606	3602544.878	3600975.85	3592657.919	3296408.653	3564286.936
580271.5371	311745.8784	441206.3642	429912.2454	472275.0793	433868.45
164487.1141	214659.0149	213450.6876	219893.4813	194616.7323	177705.0242
8082067.946	8529089.149	8747201.246	8477253.337	7618827.194	7567607.715
31468.3894	31208.29759	37701.40166	37850.77146	32789.94082	38594.6636
2707168.097	2361764.84	2565018.731	2373014.025	2273061.045	2223544.488
8277023.244	8723756.946	8015030.492	8173736.995	8435776.271	8012240.631
34400701.41	39043394.03	33337745.11	47118613.27	35442857.5	37366174.75
1399359.792	2234837.777	1674267.657	2310764.24	1929952.611	908518.9131
75182.41031	82132.23142	29690.41483	90197.83617	84644.3481	131722.706
18074896.82	16956296.98	17234966.16	16610113.69	14257341.28	16585604.3
146953.6394	249074.3818	204438.5672	285244.4962	201571.3336	179851.257
7125971.177	10360743.6	7136121.675	8132284.55	7289973.33	7270094.381
3986707.17	4660303.122	4444820.261	5017169.048	4045000.82	4145555.548
121880.2518	116930.6802	112565.5189	101523.1231	94752.66138	101872.2872
412247.2322	328382.3083	314813.256	421580.9641	330145.3555	428128.6413

454067.1233	518250.3031	478774.1044	450120.1446	390394.1807	359795.5447
2382547.069	8222592.104	4668292.013	1059007.419	23217671.02	8227762.774
2832362.09	3240420.713	3191259.047	2277380.43	2869896.551	2246449.624
607911.047	667097.2371	649752.8702	632917.2917	570799.7426	591870.7601
108066.016	147336.8102	65754.71034	114227.9386	71837.05026	128159.0605
2599594.35	2417058.075	2487598.493	2494175.032	2165800.933	2385792.702
230115.8956	205437.8187	226259.6888	201514.4646	199713.4737	163599.6415
19465739.3	17859865.34	16748713.17	15951008.36	15967810.21	18026790.93
3321736.151	4117558.817	3208807.69	4031425.523	3061728.756	2694467.002
122513.0827	118485.0659	147768.0395	179784.1076	160256.028	131179.1155
21981.97453	23069.86893	22111.84934	20488.18418	18508.42714	20598.3702
25977.68733	6543.303677	24789.75086	21323.54118	8182.036296	17596.17498
8457653.742	8376831.499	7288368.688	7253764.85	7210510.187	8965317.433
39648.53319	18575.79571	51835.43103	24759.7335	26203.23948	17282.62012
17053044.28	16132285.03	20204307.49	21390465.62	19070972.71	16670740.48
6092324.212	5953943.402	9277170.099	6465217.802	7147666.897	5570768.21
557451.68	604149.7599	424775.4881	451510.7955	376683.0737	460741.0869
14659892.89	14448561.67	15025179.9	15363566.11	14126453.95	13277437.71
30181.77165	32161.51254	28573.09881	35779.62388	63178.94688	37940.25111
326702.8898	355691.8078	341503.968	424086.0234	286010.5829	314404.6199
5454453.483	4458108.063	4794284.418	4834349.56	4375490.794	7871447.021
8156769.624	7813940.232	8039863.678	9111525.892	8428368.584	8888162.789
127356.4162	167972.4053	130505.9796	190446.7981	122883.2803	103571.4763
1740595.616	1837435.663	1811371.688	1759751.245	1688968.96	1638394.763
8586775.065	8292203.462	9103751.921	8252994.199	9996260.057	8609030.052
1749384.25	1851498.42	1756332.825	1699874.089	1789499.586	1992449.301
2256690.662	3043069.435	2256728.841	2406818.457	2931364.224	2851265.547
183189.529	226212.7767	197301.5739	231676.0375	223829.8909	193186.2482
147334.3505	102210.8012	96747.06597	101530.04	109634.5666	176447.4973
7946544.431	9010821.434	7345578.562	6539922.239	8545855.692	6462229.119
2561993.186	3413966.134	3400946.131	2327074.79	6759354.403	3500220.867
1119158.617	1344704.164	1328439.773	1354220.617	1190832.519	1077204.778
3267983.023	3536577.451	3338761.061	3070040.535	2865423.691	2526008.535

26809877.43	22514814.49	27006521.32	27479044.77	35742229.28	24851471.07
245077.6378	213203.4932	185158.5929	180252.7045	180115.8187	202909.4873
2218665.273	2364070.504	1976685.303	2430433.549	33398113.05	3080223.004
46145253.98	64980428.87	53488929.31	34263684.7	34745640.97	39089529.52
1481075.174	1601082.837	1153444.534	970875.3571	1274513.77	1306206.909
407373.6588	381713.9891	358061.3793	258955.5809	319127.9101	395673.3608
13088603.42	6688395.922	16067309.38	5494693.368	6994960.812	15969410.08
1742630.108	1198802.46	1082403.021	987794.0942	985164.8827	959364.5739
3409618.952	2418768.245	2588493.099	2294577.303	2969275.569	2141671.843
16666878.29	17194966.74	15216554.52	15472066.27	19495303.27	19935314
13613174.35	15330541.16	13753743.69	12600626.26	12960388.36	13068939.6
104037120.8	99218790.28	120467690.2	100168031.3	94684954.18	102124178.5
5907424.685	7222031.302	5813264.715	4728958.204	7568474.023	5358478.879
1832144435	1866259410	2164100521	1888149005	1882674524	2114833060
134087370.5	150611012	145251848.4	155009217.4	118311571.2	15339903.97
890781.615	815243.0606	663446.769	1135456.477	1132127.249	1532528.611
26422279.69	24010076.4	27337256.48	21526022.82	22009702.8	25928482.64
58560850.32	14130822.2	87376790.96	11185909.3	9114315.105	45304330.39
115273060.8	113680923.3	120239174	134865312.7	81737991.37	67932952.86
875862563.7	887772591.6	1003207131	895118268	958818603.4	993021614.7
386956847.5	373517354.9	359504109.1	391016901.2	384121482.2	371592628.1
6299215.311	12702260.02	4628611.255	10320117.37	11222246.22	6742178.122
3994010.951	3486468.824	3203987.78	3076691.727	3734404.173	2932322.653
7838980.919	13644806.61	9095390.831	7203004.218	11971285.95	8358260.944
11184374901	12630962367	13650195769	12368976756	13358821794	11082085961
17517752.64	18697732.43	17774885.32	21121394.23	17187511.59	21932050.18
17833737.31	17495937.84	17371482.74	17747958.79	16126914.45	13266143.05
6197001993	6214943489	7562848551	7160482443	6726566669	5909617715
10368020289	11792879150	12704516156	11523244150	12455756964	10160687448
19442042.18	25958799.92	28271361.14	37043587	27727082.25	22261146.67
1281292.898	1331755.572	1470028.166	1285961.767	1101634.214	1512261.398
30429539.22	26846889.39	45342528.99	33847836.81	33073297.49	43756643.13
108101996.3	106088844.3	110819085.6	125239962.5	24895112.28	29884323.66

56281182.93	55769114.99	55902360.88	54244598.84	50423947.73	47200992.55
152583.9831	202148.5666	207915.6381	171929.3643	278658.7362	203050.5455
3460.786034	3707.033398	3082.865844	3080.448032	3169.962575	3155.790346
1793547.993	683061.615	848015.4656	1323943.456	632751.8531	1172369.574
695656.2552	28508.16922	3831215.199	148241.6257	31542.10096	2612627.082
129805.2425	145484.022	124584.4233	176760.3739	7307421.553	148380.4829
11736849.71	12390109.95	13804827.67	14649659.01	25831510.46	15180921.32
1124937.407	1290222.145	1238142.314	1199533.301	1132377.904	1078351.104
622607.8011	451232.9622	659319.5775	280198.1133	683351.6768	456251.498
51606987.36	58139616.33	50132191.22	51263982.39	44073635.58	43112298.04
27892007.19	28465825.79	27884695.84	32727895.18	30094496.49	34365446.33
197396701.4	173344860.1	201356030.4	147430199.2	161497988.2	163873605
3858567.96	4105400.778	4324234.367	4482782.379	3257293.405	3421391.764
11325463.15	11992330.76	11791689.97	11158774.06	11783022.1	10654401.76
1882296.244	2186511.062	1940796.818	2032497.813	1882245.11	2067970.002
15595957.5	16090104.09	15903665.55	15587801.5	15359830.92	14784124.97
33621337.52	34886787.7	34780159.11	32758611.58	33191037.65	31363956.44
11056603.7	11054626.53	11307977.75	10599394.85	11335750.12	10176077.32
1010908.63	1010647.013	961924.9885	985458.5556	871827.6315	857137.0136
4300834.326	4004965.477	3367676.181	3713092.933	4383571.167	3326855.376
3634805.595	3699029.262	3690484.394	3559538.68	3340878.896	3570984.086
20892864.74	15671284.29	15067551.51	11086241.94	15081923.26	11884467.39
9149430.682	7985206.834	6347950.737	8016992.869	5822078.416	9563725.683
36664.16598	35710.93176	60147.66881	39532.43428	588859.055	84689.32153
36774897.51	31473137.91	33358180.04	26078868.55	25931287.39	34847511.9
21875575.41	23238088.61	22622739.05	21909592.68	20200906.59	20387757.74
3077629.8	3063073.518	3254893.528	3253303.273	2898644.378	3221953.024
110613990.3	121675060.8	120111112.7	128623243.7	97915732.88	106659198.4
16469479.42	15578310.09	16287922.25	14539052.96	15082098.9	16162544.49
312997.2836	367778.2965	335418.32	329579.5883	258460.301	270021.171
2096840.58	2259107.544	2288436.043	2075706.441	2163687.347	2075719.127
884281.99	868726.1274	872473.2405	926337.3591	888243.1157	823357.8906
6092939.205	6551421.913	6280060.21	6216998.565	6204368.648	5786400.61

451189.8216	428679.7115	410711.0193	468328.7614	408763.0699	927351.0272
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5139771.321	10495774.82	6341451.09	5080837.05	5556616.805	3928954.688
3379600.576	3536816.876	3594236.178	3558294.784	3400964.554	3186503.95
342344.6144	289434.3184	290370.8974	275732.3778	296503.8344	271407.6163
3089554.118	3186771.814	2772437.891	3359503.585	2794319.537	3484863.447
2261336.474	2586793.788	2206601.837	3190318.551	2723634.212	2961139.72
1509186.289	1639548.955	1588183.457	1670475.08	1553694.082	1256299.188
1704901.516	2054933.215	1849781.407	1811544.321	1634822.661	1604965.373
6340184.135	6456622.622	6414144.926	6712673.035	6516979.58	6092421.493
382722527.1	386778683.2	415359259.1	385496961.2	347260981	381067090.1
55325.10681	49796.70582	49147.134	47022.25101	1842858.646	140522.8985
751822.6741	617630.3321	375116.5639	881716.9557	2311365.332	1053930.323
11837.67851	10210.82754	10931.00369	10846.72309	9487.818155	11277.20662
113650.4392	78472.95876	120592.8962	74900.71564	66331.59617	102313.4311
22102780.3	24618860.88	23130139.44	23873052.31	20418097.09	20276063
5977849.583	6319594.414	6553020.525	7352260.041	5305675.462	6756959.608
12027573	9782266.094	9284183.32	9055671.998	11501499.46	8256758.636
4466281.821	5217262.191	4850755.879	3961712.793	3435499.336	3602278.223
3692243.615	3676965.117	3616148.319	3467320.806	3347502.972	2967734.446
1934926.959	331328.4244	1764421.178	652391.5052	299760.4515	416753.0261
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101008140.3	66247363.27	83466984.69	64528225.67	78501106.65	68866628.88
2459569.823	2303009.014	2486115.224	2171606.684	2184654.423	2064285.282
39757281.16	37811158.42	37562708.02	38077152.61	40716788.67	85882865.12
2462286.115	3071590.884	2746588.759	2912433.034	2393503.007	2535550.027
1445.232537	1639.503891	1449.683514	1510.773342	1348.983736	1454.401815
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77624890.78	45296657.24	37136788.81	35042015.96	33517816.55	19630333.93
937844.4795	1336381.321	929566.9515	864774.7556	840406.3767	1053325.795
6889162.981	7310259.452	5053198.896	5836382.709	6409443.185	6689738.234
36345.27744	34021.20497	36031.06256	27206.0234	30508.32456	31045.23512
11490692.51	12571588.72	12033089.59	11978477.67	11972239.4	12174407.3

2278391254	1218749108	1862497664	910059096.2	3924337270	1724625866
90562991.38	78846868.67	100237854.2	76216066.4	80525563.19	80551754.95
6345657.87	6445854.358	6546245.014	6136949.07	6259459.638	6175772.237
798101.0091	921163.2155	913831.7986	1011037.254	737132.5412	826236.218
191744.8608	142892.6081	249023.1822	276369.7061	212353.6434	400002.3939
4892997.377	5372702.51	5040875.638	5172583.487	4717629.842	4384454.283
2012342.45	1965007.535	2856214.577	2100403.872	2195855.847	1968429.573
50798.59125	32235.554	30023.86035	43025.27619	46194.45714	39222.4418
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431587.0882	510573.1838	428298.5625	436473.4696	437853.0194	293675.2898
420235.2642	362162.573	667097.386	473138.5817	387130.8953	901231.1317
316306.0381	294203.4881	414799.6985	406869.4435	302792.6236	611370.5829
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23583.25511	23920.20847	23465.33673	20822.18073	20050.36917	21441.69261
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2131754.055	2155764.633	2323987.55	2106112.689	1726928.705	1671423.133
1731633.199	1809959.815	1834778.355	1768196.016	1844236.232	1929947.096
1564.786378	1251.161907	1480.264713	1098.22648	1709.696788	1396.794073
1155076.582	1205472.316	991935.4652	1193363.484	1066904.188	1364492.384
41040790.64	43325370.22	41566238.88	41758157.08	41687613.32	38348146.79
1168731.134	1267194.245	1237627.831	1183306.682	1207468.854	1071029.513
9175314.903	9427394.816	9043914.487	9005765.635	8183490.715	7914005.722
5119100.511	4215664.403	5056169.362	6367466.666	4308578.07	5039730.826
137731.3669	124885.4833	118069.7611	104243.5476	145716.675	138589.9538
120900.0001	142829.0364	76948.14201	90561.01886	100920.8524	111484.6204
5301104.617	4021715.141	4499850.343	2859029.289	4258873.481	4040845.979
1244996.875	1282988.302	1144892.295	1342730.45	1270193.633	1116534.302
329443.1078	412857.4636	292160.2409	456102.6688	449097.2675	428393.283
2947888.196	3000657.785	3080641.508	2896512.681	2637740.399	2736924.112
90676.29265	68233.13598	69021.35535	98955.63712	52225.87541	62209.48972
116416.4975	60401.93477	98977.71315	87222.12802	186796.842	75837.38649
133613.5677	117355.4232	96250.02828	131352.5232	150594.2367	83065.84469
654200.792	589863.5469	632362.4413	589401.6796	632460.6521	586758.0708

189460.7356	171026.2434	193081.7027	172962.807	110861.4915	165523.4658
4127626.564	5308027.132	3689305.413	5033850.216	4460429.33	3006606.085
43397.08532	15246.90696	26699.84745	74535.724	29809.62934	69495.70424
51956.0234	42817.20875	52752.56303	69530.9095	38060.79745	52347.06695
11075117.16	12920492.05	19004281.49	11277116.41	16511485.47	15646410.96
55955083.21	51316189.83	56154703.69	56893824.27	50623125.22	61791384.13
1315895.422	1386708.625	1115888.043	1072627.231	1343329.47	1297894.897