

Rhythm ID Compounds

Rrp0087 Protocatechuic aldehyde
Rrp0120 Protocatechuic acid
Rrp0291 Daidzein
Rrp0292 7,4'-Dihydroxyflavone
Rrp0295 Liquiritigenin
Rrp0296 Pinocembrin (Dihydrochrysin)
Rrp0311 2'-Hydroxydaidzein
Rrp0312 6-Hydroxydaidzein
Rrp0314 Pelargonidin
Rrp0315 Apigenin
Rrp0317 Naringenin
Rrp0318 Butin
Rrp0319 Naringenin chalcone
Rrp0321 Afzelechin (3,5,7,4'-Tetrahydroxyflavan)
Rrp0341 Calycosin
Rrp0342 Glycitein
Rrp0343 Prunetin
Rrp0348 2'-Hydroxygenistein
Rrp0349 Cyanidin
Rrp0350 Kaempferol
Rrp0351 Orobol (5,7,3',4'-tetrahydroxyisoflavone)
Rrp0353 sakuranetin
Rrp0354 Luteolin
Rrp0357 Fustin
Rrp0358 Eriodictyol
Rrp0359 L-Epicatechin
Rrp0361 Catechin
Rrp0369 Chrysoeriol
Rrp0370 Kaempferide
Rrp0371 Peonidin
Rrp0374 Delphinidin
Rrp0376 Tricetin
Rrp0377 Quercetin
Rrp0379 Hesperetin
Rrp0381 Dihydroquercetin (Taxifolin)
Rrp0383 (+)-Gallocatechin (GC)
Rrp0384 Epigallocatechin (EGC)
Rrp0395 Kumatakenin
Rrp0397 Isorhamnetin
Rrp0402 Myricetin
Rrp0404 Dihydromyricetin
Rrp0415 Tricin
Rrp0416 Malvidin
Rrp0419 Laricitrin
Rrp0435 Syringetin
Rrp0436 Spinacetin
Rrp0473 Tangeretin
Rrp0486 Rotenone
Rrp0492 Apigenin 6-C-pentoside
Rrp0493 Apigenin 8-C-pentoside
Rrp0494 Nobiletin
Rrp0499 Chrysin 5-O-glucoside (Toringin)

Rrp0500 Apigenin 4-O-rhamnoside
Rrp0501 Daidzein 7-O-glucoside (Daidzin)
Rrp0502 Chrysin C-hexoside
Rrp0503 Chrysin O-hexoside
Rrp0504 O-methylnaringenin C-pentoside
Rrp0506 Formononetin 7-O-glucoside (Ononin)
Rrp0507 Genistein 7-O-Glucoside (Genistin)
Rrp0508 Kaempferol 3-O-rhamnoside (Kaempferin)
Rrp0509 Pelargonidin 3-O-beta-D-glucoside (Callis
Rrp0510 Apigenin 7-O-glucoside (Cosmosiin)
Rrp0511 Isovitexin
Rrp0512 Apigenin 5-O-glucoside
Rrp0513 Kaempferol 7-O-rhamnoside
Rrp0514 Apigenin C-glucoside
Rrp0515 Quercetin 3-alpha-L-arabinofuranoside (A
Rrp0516 Naringenin C-hexoside
Rrp0517 Naringenin 7-O-glucoside (Prunin)
Rrp0522 Epicatechin gallate (ECG)
Rrp0524 Acacetin C-hexoside
Rrp0527 Kaempferol 3-O-galactoside (Trifolin)
Rrp0528 Kaempferol 3-O-glucoside (Astragalin)
Rrp0529 Luteolin 7-O-glucoside (Cynaroside)
Rrp0530 Cyanidin 3-O-glucoside (Kuromanin)
Rrp0531 Luteolin 6-C-glucoside
Rrp0532 Luteolin C-hexoside
Rrp0538 Epigallate catechin gallate (EGCG)
Rrp0539 Acacetin O-glucuronic acid
Rrp0540 Chrysoeriol 6-C-hexoside
Rrp0541 Chrysoeriol 8-C-hexoside
Rrp0542 Chrysoeriol C-hexoside
Rrp0543 Chrysoeriol 5-O-hexoside
Rrp0544 Peonidin O-hexoside
Rrp0545 Chrysoeriol 7-O-hexoside
Rrp0546 Quercetin 3-O-glucoside (Isotrifoliin)
Rrp0547 Quercetin 4'-O-glucoside (Spiraeoside)
Rrp0548 Myricetin 3-O-rhamnoside (Myricitrin)
Rrp0549 Delphinidin 3-O-glucoside (Mirtillin)
Rrp0557 Rosinidin O-hexoside
Rrp0558 Tricin O-rhamnoside
Rrp0561 O-methylChrysoeriol 7-O-hexoside
Rrp0564 Petunidin 3-O-glucoside
Rrp0565 methylQuercetin O-hexoside
Rrp0566 Isorhamnetin C-hexoside
Rrp0567 Selgin 5-O-hexoside
Rrp0568 Isorhamnetin 5-O-hexoside
Rrp0569 Isorhamnetin O-hexoside
Rrp0581 Malvidin 3-O-galactoside
Rrp0582 Tricin 7-O-hexoside
Rrp0583 Malvidin 3-O-glucoside (Oenin)
Rrp0597 Syringetin 3-O-hexoside
Rrp0598 Syringetin 5-O-hexoside
Rrp0599 Limocitrin O-hexoside
Rrp0600 Syringetin 7-O-hexoside

Rrp0608 Apigenin O-malonylhexoside
Rrp0612 Naringenin O-malonylhexoside
Rrp0617 Tricin 4'-O- β -guaiacylglycerol
Rrp0622 Apigenin di-C,C-pentoside
Rrp0626 Eriodictyol O-malonylhexoside
Rrp0631 Chrysoeriol O-malonylhexoside
Rrp0641 Selgin O-malonylhexoside
Rrp0642 Apigenin O-hexosyl-O-pentoside
Rrp0643 C-hexosyl-apigenin C-pentoside
Rrp0644 C-hexosyl-apigenin O-pentoside
Rrp0645 C-pentosyl-C-hexosyl-apigenin
Rrp0647 Tricin O-glycerylhexoside
Rrp0648 Procyanidin A1
Rrp0649 Procyanidin A2
Rrp0650 Procyanidin A3
Rrp0651 Vitexin 2''-O-beta-L-rhamnoside
Rrp0652 Procyanidin B2
Rrp0654 Apigenin 7-O-neohesperidoside (Rhoifolin)
Rrp0655 Apigenin 7-rutinoside (Isorhoifolin)
Rrp0657 6-C-hexosyl luteolin O-pentoside
Rrp0658 8-C-hexosyl-luteolin O-pentoside
Rrp0659 C-hexosyl-luteolin C-pentoside
Rrp0661 Naringenin 7-O-neohesperidoside (Naringi
Rrp0662 Luteolin O-hexosyl-O-pentoside
Rrp0664 Cyanidin 3-O-rutinoside (Keracyanin)
Rrp0665 Pelargonin
Rrp0666 Chrysoeriol O-hexosyl-O-pentoside
Rrp0667 di-C,C-hexosyl-apigenin
Rrp0668 Kaempferol 3-O-robinobioside (Biorobin)
Rrp0669 Kaempferol 3-O-rutinoside (Nicotiflorin)
Rrp0672 Chrysoeriol C-hexosyl-O-rhamnoside
Rrp0673 Chrysoeriol 7-O-rutinoside
Rrp0674 Cyanidin 3,5-O-diglucoside (Cyanin)
Rrp0675 Delphinidin 3-O-rutinoside (Tulipanin)
Rrp0676 6-C-hexosyl-luteolin O-hexoside
Rrp0677 8-C-hexosyl-luteolin O-hexoside
Rrp0678 Luteolin 3',7-di-O-glucoside
Rrp0679 Quercetin 3-O-rutinoside (Rutin)
Rrp0680 Hesperetin 7-rutinoside (Hesperidin)
Rrp0681 Hesperetin 7-O-neohesperidoside (Neohe:
Rrp0682 C-hexosyl-luteolin O-hexoside
Rrp0683 di-C,C-hexosyl-luteolin
Rrp0684 Gallocatechin-galocatechin
Rrp0685 Luteolin 8-C-hexosyl-O-hexoside
Rrp0686 Quercetin 7-O-rutinoside
Rrp0689 Cyanidin O-malonyl-malonylhexoside
Rrp0690 8-C-hexosyl chrysoeriol O-hexoside
Rrp0691 Chrysoeriol O-hexosyl-O-hexoside
Rrp0692 Isorhamnetin 3-O-neohesperidoside
Rrp0693 6-C-hexosyl chrysoeriol O-hexoside
Rrp0696 6-C-hexosyl-hesperetin O-hexoside
Rrp0697 8-C-hexosyl-hesperetin O-hexoside
Rrp0700 Chrysoeriol O-glucuronic acid-O-hexoside

Rrp0701 Tricin 5-O-rutinoside
Rrp0704 Tricin O-vanilloylhexoside
Rrp0707 Malvidin 3,5-diglucoside (Malvin)
Rrp0709 Tricin 5-O-hexosyl-O-hexoside
Rrp0718 3',4',5'-Dihydrotricetin O-hexosyl-O-hexosi
Rrp0720 Icarin (kaempferol 3,7-O-diglucoside 8-pre
Rrp0723 Tricin 4'-O-(β -guaiacylglyceryl) ether 7-O-f
Rrp0724 Tricin 4'-O-(β -guaiacylglyceryl) ether O-he:
Rrp0729 Cyanidin 3-O-glucosyl-malonylglucoside
Rrp0733 Quercetin 5-O-malonylhexosyl-hexoside
Rrp0739 Tricin O-glyceryl-hexosyl-O-hexoside
Rrp0742 C-hexosyl-apigenin O-p-coumaroylhexosic
Rrp0743 Kaempferol-3-O-robinoside-7-O-rhamnosic
Rrp0746 C-hexosyl-chrysin O-feruloylhexoside
Rrp0747 6-C-hexosyl-apigenin O-hexosyl-O-hexosi
Rrp0748 Apigenin 6-C-hexosyl-8-C-hexosyl-O-hexo
Rrp0749 C-hexosyl-luteolin O-feruloylpentoside
Rrp0752 8-C-hexosyl-apigenin O-hexosyl-O-hexosi
Rrp0753 C-hexosyl-luteolin O-p-coumaroylhexoside
Rrp0754 C-hexosyl-apigenin O-caffeoylhexoside
Rrp0755 C-hexosyl-apigenin O-hexosyl-O-hexoside
Rrp0756 6-C-hexosyl-apigenin O-feruloylhexoside
Rrp0758 Chrysoeriol O-hexosyl-O-rutinoside
Rrp0759 8-C-hexosyl-apigenin O-feruloylhexoside
Rrp0760 C-pentosyl-chrysoeriol 7-O-feruloylhexosic
Rrp0762 Luteolin 6-C-hexoside 8-C-hexosyl-O-hexc
Rrp0763 Eriodictiol 6-C-hexoside 8-C-hexoside-O-h
Rrp0764 Chrysoeriol 6-C-hexoside 8-C-hexoside-O.
Rrp0766 Hesperetin C-hexosyl-O-hexosyl-O-hexosi
Rrp0767 8-C-hexosyl-apigenin O-sinapoylhexoside
Rrp0769 6-C-hexosyl-apigenin O-sinapoylhexoside
Rrp0774 Tricin 4'-O-(β -guaiacylglyceryl) ether 5-O-f
Rrp0775 C-hexosyl-apigenin O-feruloylhexoside-O-l
Rrp0776 C-hexosyl-luteolin O-feruloyl-hexosyl-hexo
Rrp0382 Oryzalexin E
Rrp0398 Phytocassane D
Rrp0403 Phytocassane C
Rrp0553 Limonin
Rrp0603 Nomilin
Rrp0604 Cucurbitacin I
Rrp0605 Cucurbitacin D
Rrp0004 Piperidine
Rrp0014 Choline
Rrp0031 Betaine
Rrp0057 Isoquinoline
Rrp0079 Trigonelline
Rrp0101 Acetylcholine
Rrp0147 Hordenine
Rrp0188 Theobromine
Rrp0197 O-Phosphocholine
Rrp0285 Coumaroyl choline
Rrp0335 Feruloylcholine
Rrp0391 Sinapoylcholine
Rrp0411 Quinine

Rrp0005 Putrescine
Rrp0223 Spermine
Rrp0224 N-Acetyl tryptamine
Rrp0270 N'-p-Coumaroyl putrescine
Rrp0271 N-p-Coumaroyl putrescine
Rrp0286 N-Caffeoyl putrescine
Rrp0302 N'-Feruloyl putrescine
Rrp0303 N-Feruloyl putrescine
Rrp0327 N-p-Coumaroyl agmatine
Rrp0328 N'-p-Coumaroyl agmatine
Rrp0362 N-p-Coumaroyl spermidine
Rrp0363 N-Caffeoyl agmatine
Rrp0364 N-Sinapoyl putrescine
Rrp0386 N-Feruloyl agmatine
Rrp0389 N-Caffeoylspermidine
Rrp0390 N-sinapoyl cadaverine
Rrp0394 N-Feruloyl tyramine
Rrp0406 N-Feruloyl spermidine
Rrp0425 N-Sinapoyl agmatine
Rrp0442 N'-p-coumaroylspermine
Rrp0487 N-hexosyl-p-coumaroyl putrescine
Rrp0496 N',N"-p-coumaroyl-feruloyl putrescine
Rrp0519 N', N"-di-p-coumaroylspermidine
Rrp0520 N-(4'-O-glycosyl)-p-coumaroyl agmatine
Rrp0552 N-(4'-O-glycosyl)-feruloyl agmatine
Rrp0576 N', N"-Feruloyl,caffeoylspermidine
Rrp0587 N', N"-di-p-coumaroylspermine
Rrp0640 N', N"-disinapoylspermidine
Rrp0046 Niacinamide
Rrp0081 Nicotinic Acid Methyl Ester (Methyl Nicotin
Rrp0089 6-hydroxynicotinic acid
Rrp0122 Orotic acid
Rrp0160 Pyridoxine
Rrp0252 D-Pantothenic acid
Rrp0280 Biotin
Rrp0284 Pyridoxine 5'-phosphate
Rrp0301 Thiamine
Rrp0372 4-Oxoretinol
Rrp0433 4-Pyridoxic acid O-hexoside
Rrp0477 Riboflavin
Rrp0523 Menaquinone (K2)
Rrp0006 L-Alanine
Rrp0011 2-Aminoisobutyric acid
Rrp0012 N,N-Dimethylglycine
Rrp0016 L-Serine
Rrp0026 L-Proline
Rrp0028 DI-Norvaline
Rrp0032 L-Valine
Rrp0035 L-Threonine
Rrp0055 5-oxoproline
Rrp0060 L-Isoleucine
Rrp0063 L-Leucine
Rrp0064 N-Propionylglycine

Rrp0067 L-Asparagine
Rrp0070 L-Aspartic acid
Rrp0083 L-Tyramine
Rrp0096 L-(+)-Lysine
Rrp0098 L-Glutamine
Rrp0102 L-Glutamic acid
Rrp0108 L-Methionine
Rrp0121 L-Histidine
Rrp0130 N-Acetylthreonine
Rrp0133 2-Amino adipic acid (L-Homoglutamic acid)
Rrp0138 N-Acetylcysteine
Rrp0144 L-Phenylalanine
Rrp0145 Methionine sulfoxide
Rrp0158 3-N-Methyl-L-histidine
Rrp0159 1-Methylhistidine
Rrp0164 L-(+)-Arginine
Rrp0165 L-Theanine
Rrp0169 N-Acetylaspartate
Rrp0171 L-Citrulline
Rrp0178 N-formylmethionine
Rrp0180 CYS-GLY
Rrp0191 L-(-)-Tyrosine
Rrp0201 H-HomoArg-OH
Rrp0205 N α -Acetyl-L-glutamine
Rrp0206 N6-Acetyl-L-lysine
Rrp0209 L-Homocitrulline
Rrp0211 N-Acetyl-L-glutamic acid
Rrp0212 2,6-Diaminooimelic acid
Rrp0215 N-Phenylacetyl glycine
Rrp0221 3,4-Dihydroxy-DL-phenylalanine
Rrp0228 L-Tryptophan
Rrp0248 N α -Acetyl-L-arginine
Rrp0256 5-Hydroxy-L-tryptophan
Rrp0260 N-Acetyl-L-tyrosine
Rrp0263 3-Hydroxykynurenine
Rrp0269 Lysine butyrate
Rrp0276 L-(-)-Cystine
Rrp0287 γ -Glu-Cys
Rrp0324 L-Saccharopine
Rrp0336 Asp-phe
Rrp0388 Glutathione reduced form
Rrp0393 Phe-Phe
Rrp0407 S-(methyl)glutathione
Rrp0482 S-(5'-Adenosyl)-L-homocysteine
Rrp0489 S-(5'-Adenosyl)-L-methionine
Rrp0537 Aspartic acid di-O-glucoside
Rrp0688 Glutathione oxidized
Rrp0037 Purine
Rrp0001 1-methylguanidine
Rrp0019 Cytosine
Rrp0023 Uracil
Rrp0052 Thymine
Rrp0054 5,6-Dihydro-5-methyluracil

Rrp0072 Adenine
Rrp0075 Hypoxanthine
Rrp0107 1-Methyladenine
Rrp0112 Guanine
Rrp0113 2-Hydroxy-6-aminopurine
Rrp0115 Xanthine
Rrp0143 7-methylguanine
Rrp0148 7-Methylxanthine
Rrp0190 1,7-Dimethylxanthine
Rrp0265 Deoxycytidine
Rrp0278 Cytidine
Rrp0279 β -Pseudouridine
Rrp0281 Uridine
Rrp0288 Deoxyadenosine
Rrp0289 2'-Deoxyinosine
Rrp0305 Adenosine
Rrp0306 Deoxyguanosine
Rrp0309 Hypoxanthine-9- β -D-arabinofuranoside
Rrp0338 8-Hydroxy-2-deoxyguanosine
Rrp0339 Guanosine
Rrp0345 Xanthosine
Rrp0366 5'-Deoxy-5'-(methylthio)adenosine
Rrp0367 N2-methylguanosine
Rrp0368 8-Hydroxyguanosine
Rrp0387 2'-Deoxycytidine-5'-monophosphate
Rrp0392 2-(dimethylamino)guanosine
Rrp0409 Cytidine 5'-monophosphate (Cytidylic acid)
Rrp0410 Uridine 5'-monophosphate
Rrp0417 2'-Deoxyadenosine-5'-monophosphate
Rrp0420 2'-Deoxyinosine-5'-monophosphate
Rrp0422 β -Nicotinamide mononucleotide
Rrp0434 Guanosine 3',5'-cyclic monophosphate
Rrp0438 Adenosine 3'-monophosphate
Rrp0440 Adenosine 5'-monophosphate
Rrp0441 Inosine 5'-monophosphate
Rrp0463 Guanosine monophosphate
Rrp0464 Guanosine 5'-monophosphate
Rrp0465 iP7G
Rrp0480 N6-Succinyl Adenosine
Rrp0481 Succinyladenosine
Rrp0490 Adenosine O-ribose
Rrp0714 Nicotinic acid adenine dinucleotide
Rrp0118 o-Anisic acid
Rrp0008 Phosphoric acid
Rrp0013 γ -aminobutyric acid
Rrp0022 2-furanoic acid
Rrp0024 Creatinine
Rrp0048 2-Picolinic acid
Rrp0049 2-Aminoethanesulfonic acid
Rrp0062 6-Aminocaproic acid
Rrp0065 5-Aminolevulinate
Rrp0086 4-Hydroxybenzoic acid
Rrp0093 4-Guanidinobutyric acid

Rrp0097 Adipic acid
Rrp0146 2-(Formylamino)benzoic acid
Rrp0167 trans-Citridic acid
Rrp0225 Sebacate
Rrp0430 Sinapoyl malate
Rrp0560 D-Pantothenic acid
Rrp0638 Taurocholic acid
Rrp0007 3-Hydroxypyridine
Rrp0009 trans-2-Hexenal
Rrp0017 Quinone
Rrp0036 Benzamidine
Rrp0038 D(-)-Threose
Rrp0039 Dimethylaniline
Rrp0040 Benzamide
Rrp0042 Phenethylamine
Rrp0043 Benzoic acid
Rrp0044 4-Hydroxybenzaldehyde
Rrp0047 Nicotinic acid
Rrp0053 Imidazole-4-acetate
Rrp0056 1,1-Dimethylbiguanide
Rrp0069 4-Aminoindole
Rrp0073 Aminopurine
Rrp0074 Allopurinol
Rrp0076 N-Methylnicotinamide
Rrp0078 p-Aminobenzoate
Rrp0080 Anthranilic acid
Rrp0082 3-Carbamyl-1-methylpyridinium (1-Methylr
Rrp0084 Hydroxyphenethylamine
Rrp0088 4-Nitrophenol
Rrp0090 Histidinol
Rrp0100 Coumarin
Rrp0103 Phthalic anhydride
Rrp0104 Cinnamic acid
Rrp0117 Vanillin
Rrp0119 1,4-dihydro-1-Methyl-4-oxo-3-pyridinecarb
Rrp0128 L-Tryptamine
Rrp0135 4-Hydroxycoumarin
Rrp0136 L-Carnitine
Rrp0140 p-Coumaric acid
Rrp0150 3-(4-Hydroxyphenyl)propionic acid
Rrp0156 Vanillic acid
Rrp0157 4-(Aminomethyl)-5-(hydroxymethyl)-2-metl
Rrp0172 1-Methoxyindole-3-carbaldehyde
Rrp0174 6-Hydroxy-4-methylcoumarin
Rrp0181 Esculetin (6,7-dihydroxycoumarin)
Rrp0183 Daphnetin
Rrp0185 D-(+)-Glucono-1,5-lactone
Rrp0187 Glucosamine
Rrp0189 Caffeic acid
Rrp0192 D-Sorbitol
Rrp0193 Ethyl 3,4-Dihydroxybenzoate (Ethyl protoc
Rrp0194 Homovanillic acid
Rrp0196 D-Mannitol

Rrp0208 3-Indolepropionic acid
Rrp0213 5-Hydroxyindole-3-acetic acid
Rrp0214 Scopoletin (7-Hydroxy-5-methoxycoumarin)
Rrp0218 Hydroxy-methoxycinnamate
Rrp0219 Gluconic acid
Rrp0229 Methoxyindoleacetic acid
Rrp0238 6-Methoxy-7,8-DihydroxyCoumarin
Rrp0242 Eudesmic acid (3,4,5-trimethoxybenzoic acid)
Rrp0250 N-Acetyl-5-hydroxytryptamine
Rrp0251 5-Methoxy-N,N-dimethyltryptamine
Rrp0257 N-Acetyl-D-glucosamine
Rrp0268 Melatonin
Rrp0274 3,4,5-Trimethoxycinnamic acid
Rrp0293 Nicotinate ribonucleoside
Rrp0325 Lactucin
Rrp0375 Ellagic acid
Rrp0385 N-Cinnamoyl serotonin
Rrp0405 5-O-p-Coumaroyl shikimic acid
Rrp0408 O-Feruloyl coumarin
Rrp0424 N-Feruloyl tryptamine
Rrp0426 O-Feruloyl 2-hydroxycoumarin
Rrp0427 O-Feruloyl 3-hydroxycoumarin
Rrp0429 Esculin (6,7-Dihydroxycoumarin-6-glucoside)
Rrp0431 Cocamidopropyl betaine
Rrp0455 Chlorogenic acid (3-O-Caffeoylquinic acid)
Rrp0456 Neochlorogenic acid (5-O-Caffeoylquinic acid)
Rrp0466 1-O-Feruloyl quinic acid
Rrp0467 3-O-Feruloyl quinic acid
Rrp0468 O-Feruloyl quinic acid
Rrp0470 N-sinapoyl hydroxycoumarin
Rrp0474 DIMBOA glucoside
Rrp0476 Feruloyl syringic acid
Rrp0554 10-Formyl-THF
Rrp0577 N-hexosyl-p-coumaroyl serotonin
Rrp0670 Isovitexin 7-O-glucoside (Saponarin)
Rrp0179 5-Hydroxytryptophol
Rrp0329 Octadecadien-6-ynoic acid
Rrp0330 14,15-Dehydrocrepenynic acid
Rrp0332 α -Linolenic acid
Rrp0333 Octadeca-11E,13E,15Z-trienoic acid
Rrp0334 Punicic acid
Rrp0360 4-oxo-9Z,11Z,13E,15E-octadecatetraenoic
Rrp0365 9-Hydroxy-(10E,12Z,15Z)-octadecatrienoic
Rrp0401 4-Hydroxysphinganine
Rrp0449 MAG (18:3) isomer2
Rrp0450 MAG (18:3) isomer4
Rrp0452 MAG (18:3) isomer1
Rrp0453 MAG (18:3) isomer3
Rrp0454 MAG (18:3) isomer5
Rrp0457 MAG (18:2)
Rrp0458 MAG (18:2) isomer1
Rrp0462 MAG (18:1) isomer2
Rrp0534 LysoPE 16:0

Rrp0550 LysoPC 14:0
Rrp0562 LysoPE 18:2
Rrp0570 LysoPC 15:1
Rrp0571 LysoPE 18:1
Rrp0572 LysoPE 18:1 (2n isomer)
Rrp0573 LysoPE 18:0
Rrp0575 LysoPC 15:0
Rrp0585 LysoPC 16:1
Rrp0586 LysoPC 16:1 (2n isomer)
Rrp0588 LysoPC 16:0
Rrp0589 LysoPC 16:0 (2n isomer)
Rrp0601 LysoPC 17:0
Rrp0606 LysoPC 18:3 (2n isomer)
Rrp0607 LysoPC 18:3
Rrp0610 LysoPC 18:2 (2n isomer)
Rrp0611 LysoPC 18:2
Rrp0613 LysoPC 18:1
Rrp0614 LysoPC 18:1 (2n isomer)
Rrp0615 LysoPC 18:0 (2n isomer)
Rrp0616 LysoPC 18:0
Rrp0621 MGMG (18:2) isomer1
Rrp0630 LysoPC 20:4
Rrp0632 LysoPC 20:1
Rrp0633 LysoPC 20:1 (2n isomer)
Rrp0725 DGMG (18:1)
Rrp0726 DGMG (18:2) isomer1
Rrp0727 DGMG (18:2) isomer2
Rrp0728 DGMG (18:2) isomer3

Class	S-B-1	S-B-2	S-B-3	S-L-1
Catechin derivatives	14830846	17727872	18650552	20176530
Catechin derivatives	408097.3	666080.2	552120.5	406354.9
Isoflavone	26178.25	5997.253	10445.84	6855.448
Flavone	23352.46	30846.71	18302.46	15488.48
Flavanone	13633.78	13171.76	11084.4	5371.887
Flavanone	95263.6	99772.04	98029.54	47321.24
Isoflavone	4719026	4730678	4168978	38319.75
Isoflavone	1458106	794617.7	793606.9	626260.8
Anthocyanins	50633.27	39959.98	27977.14	256778.8
Flavone	64720.29	73417.46	31655.25	118594.9
Flavanone	20405634	21989760	20125184	16499052
Flavone	20486828	22506404	20162869	17014662
Flavanone	19868592	22139226	19616120	16762422
Flavanone	99717396	1.07E+08	1.04E+08	1.04E+08
Isoflavone	62575.43	106317.4	84375.61	5433.837
Isoflavone	20178.8	31775.77	7749.207	26677.94
Isoflavone	12591.6	12988.45	16619.6	8881.972
Isoflavone	177113.6	140493	48638.75	1753775
Anthocyanins	3722149	5232695	540049.3	276568.7
Flavonol	324824.4	363421.3	286876.5	150175.2
Isoflavone	129660.2	91032.46	136945.4	182916.6
Flavone	4749.421	1596.578	3473.526	3445.911
Flavone	145779.7	47370.89	638624.5	2248010
Flavonol	117185.8	182683.7	261093.3	2664405
Flavanone	2013775	2305929	2115814	2226040
Catechin derivatives	9.65E+08	1E+09	9.58E+08	1.01E+09
Catechin derivatives	9.36E+08	9.94E+08	9.53E+08	9.88E+08
Flavone	274604.1	314079.6	237468.3	222847.1
Flavonol	491109.5	551664.3	558825.4	515848.9
Anthocyanins	71626.12	11971.67	6007.5	83965.16
Anthocyanins	51393.33	109406.2	43736.02	60202.28
Flavone	127550.3	68343.28	22787.05	2396251
Flavonol	36806.02	139962.5	40796.73	146801.2
Flavanone	67132.35	70775.31	60280.2	48135.3
Flavonol	1345858	1660249	1516409	1330320
Catechin derivatives	8.98E+08	8.91E+08	8.85E+08	8.61E+08
Catechin derivatives	8.71E+08	8.75E+08	8.44E+08	8.28E+08
Flavonol	9202.324	17694.98	11958.52	11436.79
Flavonol	9719.68	12836.09	7244.166	14571.8
Flavonol	1464492	1575892	58050.77	1805051
Flavonol	1791689	1788272	1612009	2005413
Flavone	782407.3	931359.5	845817	1711316
Anthocyanins	62588.08	12164.14	12135.01	8276.087
Flavonol	6104984	5363032	4010568	5986765
Flavonol	8072.033	15523.09	20904.67	4643.012
Flavone	273789.9	391648.4	389498.4	357576.6
Flavone	15156.91	25002.8	17286.13	21861.89
Isoflavone	53148.67	69271.41	64957.88	25329.83
Flavone C-glycosides	276803.9	256184.9	197034.3	563871.7
Flavone C-glycosides	1257686	1264726	1111246	5590112
Flavone	19572.72	28704.11	33519.27	22851.28
Flavone	194534.9	229730.7	204027.5	216063.7

Flavone	31901.89	57905.22	78446.1	166194.4
Isoflavone	35432.25	20463.49	61795.61	22577.61
Flavone C-glycosides	313813.7	73086.91	112444.7	83740.35
Flavone	228444.6	233346.4	169716	230176.8
Flavone C-glycosides	176975	292692.7	155072.3	1145163
Isoflavone	9157.423	8398.762	4758.178	27788.24
Isoflavone	25381432	26735205	26659048	38671994
Flavonol	3239876	3718753	3063969	10365353
Anthocyanins	4724787	5300691	4742571	7491859
Flavone	30580477	32426288	29318711	51726401
Flavone C-glycosides	9037669	8433704	9959348	54640427
Flavone	28661767	30503458	27405107	50937842
Flavonol	3892734	4625084	3653517	11835990
Flavone C-glycosides	12073098	7434869	7879544	45786999
Flavonol	12670245	12458994	11406557	36814840
Flavone C-glycosides	3780684	4842675	3945385	9964474
Flavanone	35497130	35614272	39579309	40479418
Catechin derivatives	8.98E+08	9.3E+08	8.83E+08	7.99E+08
Flavone C-glycosides	18628.3	12258.99	35863.73	35394.84
Flavonol	5.08E+08	5.4E+08	5.04E+08	6.49E+08
Flavonol	1.45E+08	1.64E+08	1.49E+08	1.79E+08
Flavone	5.93E+08	6.14E+08	5.54E+08	5.99E+08
Anthocyanins	20533690	21731365	20313476	41612843
Flavone C-glycosides	395735.7	175905.3	651699.7	4139462
Flavone C-glycosides	609270.8	520458	660525.2	5549162
Catechin derivatives	1.18E+09	1.18E+09	1.19E+09	1.22E+09
Flavone	73295.99	90974.39	83861.84	25727.07
Flavone C-glycosides	23588.16	35740.32	33695.72	68084.9
Flavone C-glycosides	148231.9	237015.1	211280.6	380139.9
Flavone C-glycosides	197410.5	226459	197176.5	467508.9
Flavone	54767.85	39931.54	73899.79	92748.68
Anthocyanins	71224.44	66097.31	66754.64	309929.6
Flavone	15775662	16990815	14386485	15679053
Flavonol	5.07E+08	5.61E+08	4.62E+08	9.82E+08
Flavonol	3.55E+08	3.83E+08	3.67E+08	6.21E+08
Flavonol	1217307	1461207	1096239	1824600
Anthocyanins	10995671	12652246	11738123	24038956
Anthocyanins	48252.34	33248.31	33892.88	32689.83
Flavone	51108.97	52420.95	49789.91	131752.5
Flavone	78061.24	62220.99	57190.08	94769.86
Anthocyanins	202723.3	209278.9	230061.2	290804.5
Flavonol	7931537	7947402	7843035	7208757
Flavone C-glycosides	997103.4	977726.2	899291.7	792836.6
Flavone	10377193	8004135	9807566	3732160
Flavonol	8352769	10232486	8297283	9006671
Flavonol	5386791	5556825	5537948	12351109
Anthocyanins	338854.3	382599.7	312233.7	299277.6
Flavone	1.04E+08	1.09E+08	99678254	1.6E+08
Anthocyanins	16707.29	12617.17	15331.05	48731.96
Flavonol	25457.37	25548.23	22544.93	26189
Flavone	5206024	6004213	5101111	8276590
Flavone	77736.45	91709.57	78942.21	49451.1
Flavone	4228829	5720100	4918109	6282403

Flavone	27132.63	77804.24	65667.32	141910.9
Flavanone	420339.1	397473.6	414088.2	756093.7
Flavonolignan	85649.62	81873.45	94420.13	190379.6
Flavone C-glycosides	12399.38	10440.04	10771.85	19130.45
Flavanone	2656207	3006290	2517333	2550483
Flavone	37543.22	26793.23	27490.5	73644.33
Flavone	248970.2	245225.7	267541.9	644115.1
Flavone	177469.5	148521.9	150967.3	614347.7
Flavone C-glycosides	4331493	5276596	4966712	26289598
Flavone C-glycosides	14792826	17700130	15677614	29088046
Flavone C-glycosides	23597728	24815347	21212982	54215482
Flavone	238024.1	246334.7	196073.8	932880.2
Proanthocyanidins	1525262	11586839	14484181	7604017
Proanthocyanidins	17261698	19923593	182771.1	1661680
Proanthocyanidins	2362255	2513002	2897046	3250169
Flavone C-glycosides	79398706	76952585	73519483	3.15E+08
Proanthocyanidins	2.43E+08	2.64E+08	2.6E+08	2.07E+08
Flavone	46241179	49500642	45751697	41806664
Flavone	46177123	49699437	49890635	39198968
Flavone C-glycosides	254359.7	186693	199600.6	137796.8
Flavone C-glycosides	5991327	5887764	5894947	5963230
Flavone C-glycosides	241650.7	216667	255663.1	333641.3
Flavanone	2124921	2336028	1991769	3278394
Flavone	4335490	3516382	4733134	5205012
Anthocyanins	2.53E+08	2.61E+08	2.5E+08	1.82E+08
Anthocyanins	21553457	21570066	19415922	19900059
Flavone	13257.13	14650.66	22927.16	142711.8
Flavone C-glycosides	26671.04	28829.89	28191.28	91340.93
Flavonol	4.09E+08	4.12E+08	3.89E+08	5.05E+08
Flavonol	4.25E+08	4.54E+08	4.2E+08	5.12E+08
Flavone C-glycosides	439420.8	473370.1	530514.4	1631208
Flavone	6381186	6657657	6006031	7078579
Anthocyanins	1.35E+08	1.45E+08	1.28E+08	1.15E+08
Anthocyanins	101145.5	78261.5	98008.51	109792
Flavone C-glycosides	600164.1	687675	726058.2	4416075
Flavone C-glycosides	74561.12	66542.37	87703.19	49464.2
Flavone	4617157	4032106	4062747	13744893
Flavonol	1.79E+08	1.98E+08	1.91E+08	2.83E+08
Flavanone	1.8E+08	1.99E+08	1.92E+08	2.96E+08
Flavanone	1.88E+08	2.01E+08	1.88E+08	2.74E+08
Flavone C-glycosides	1122806	852463.1	911946.7	1382295
Flavone C-glycosides	1144495	780303.5	630249.4	3214100
Catechin derivatives	1.54E+08	1.47E+08	1.49E+08	1.3E+08
Flavone C-glycosides	3365162	4335036	3536279	10161668
Flavonol	1.78E+08	2.01E+08	1.82E+08	2.78E+08
Anthocyanins	21855.47	37541.29	39245.69	72516.2
Flavone C-glycosides	360220.7	428813.4	458642.7	565160.1
Flavone	16768.3	16196.75	17146.26	19881.12
Flavonol	3081128	3087581	2981126	5178099
Flavone C-glycosides	92661.29	78048.09	71335.04	51635.85
Flavone C-glycosides	1758056	1790673	1785393	3381850
Flavone C-glycosides	3151893	4212152	3800334	6821761
Flavone	26528.28	91825.48	31368.54	52303.54

Flavone	1318952	1433100	1299920	1704480
Flavone	28740.5	26458.54	24404.17	29809.61
Anthocyanins	120491.7	176403.8	132112.6	147857.6
Flavone	97572.59	119616.2	87541.13	217661.5
Flavone	33166.39	28157.78	29411.14	81968.05
Flavonol	426478.7	434447.8	392611	1394348
Flavonolignan	23583.96	24848.96	24832.92	38652.64
Flavonolignan	25779.61	20729.19	24908.02	30806.4
Anthocyanins	17287.12	25867.66	11915.22	12883.58
Flavonol	15265.24	14884.77	14833.14	29245.65
Flavone	23785.88	44898.7	26478.81	21087.4
Flavone C-glycosides	835867.1	1127442	1325976	560360.1
Flavonol	1974509	1978998	2086490	663226.7
Flavone C-glycosides	257484.3	253587.1	234119.6	160553.8
Flavone C-glycosides	182601.2	186274.7	185157.1	556200.5
Flavone C-glycosides	51132.16	66611.96	55264.48	202682.2
Flavone C-glycosides	93549.96	81166.3	73865.32	85473.04
Flavone C-glycosides	78131.99	81086.15	64536.16	377017.8
Flavone C-glycosides	14765975	9935413	13031602	15092139
Flavone C-glycosides	21275125	20880186	19646907	22380416
Flavone C-glycosides	7789279	8884633	8525212	13148427
Flavone C-glycosides	114194.9	135795.3	155849.8	86291.52
Flavone	16374.45	31712.62	10940.16	35697.27
Flavone C-glycosides	119556.7	116087.2	159026.9	48880.83
Flavone C-glycosides	130726.8	88955.01	92643.3	79233.97
Flavone C-glycosides	18855.98	15275.12	14129.86	100697.2
Flavone C-glycosides	17290.68	17524.65	17208.31	58548.38
Flavone C-glycosides	318853.2	360193.4	339598.5	879455.2
Flavone C-glycosides	149720.9	15781.01	13729.73	124491.1
Flavone C-glycosides	15625.56	19799.31	14409.2	19568.11
Flavone C-glycosides	33219.59	29267.99	33998.89	70608.89
Flavonolignan	126362.7	126128.8	110444.4	63277.08
Flavone C-glycosides	83264.2	70645.42	90719.99	48979.69
Flavone C-glycosides	12895.52	15221.86	10032.5	11456.84
Terpenoids	17093.11	17744.9	17906.46	16277.81
Terpenoids	34177.96	34559.36	33375.45	34562.6
Terpenoids	52384.83	51092.68	51758.4	73688.84
Terpenoids	5633.677	6862.439	5507.348	18131.39
Terpenoids	99162.26	102863.4	90828.5	74541.02
Terpenoids	73899.3	71556.26	77852.39	85062.63
Terpenoids	7528.044	6606.766	7768.779	19622.51
Alkaloids	207098.6	239039.9	214083.3	154498.3
Cholines	2.41E+08	2.55E+08	2.36E+08	2.04E+08
Alkaloids	3254030	3322051	3179125	3542002
Alkaloids	30134.9	38013	32841.19	35526.85
Alkaloids	82882.95	81175.89	81961.44	76024.32
Cholines	88515.76	95948.8	84221.56	106313
Alkaloids	867384.1	916617.3	812493	672739.2
Alkaloids	7.52E+08	7.26E+08	7.57E+08	6.65E+08
Cholines	14389165	14528459	14833104	12293855
Cholines	5799.391	6423.006	4760.312	31192.14
Cholines	11894.79	13352.25	14717.09	16325.33
Cholines	439183.7	451098	399409.9	386669.9
Alkaloids	42765.38	42099.34	44171.34	55554.7

Phenolamides	11949.03	110321	129449.5	105713.8
Phenolamides	61567775	55206982	62771206	55951301
Phenolamides	20009.63	13627	10686.78	7792.146
Phenolamides	493448.7	514525.2	454443.1	637762.1
Phenolamides	401246.4	438444	441429.9	687777.1
Phenolamides	31155.42	32726.41	21876.43	40982.23
Phenolamides	348701.9	390330.9	300694.8	461018.6
Phenolamides	923909.1	95525.9	1151805	1251545
Phenolamides	320128.9	351100.3	397943.7	742684.6
Phenolamides	1070882	1361157	1356566	2609550
Phenolamides	18991.02	16612.16	13656.85	13110.75
Phenolamides	471707	465870.4	502382.1	614705
Phenolamides	171926.5	196676.8	185138.3	318289.9
Phenolamides	2.06E+08	2.28E+08	2.13E+08	2.46E+08
Phenolamides	14714.82	147576.8	16879.15	26795.99
Phenolamides	1454208	1452511	1406202	1790116
Phenolamides	13753.17	13587.77	10462.01	14608.93
Phenolamides	2853196	2875569	2607639	4691814
Phenolamides	11340.24	19572.46	14004.22	14552.49
Phenolamides	14828.96	12591.13	14683.87	35601.83
Phenolamides	13650.29	13949.82	14568.85	22678.67
Phenolamides	14749.59	12675.76	12301.79	16095.04
Phenolamides	609002.2	582770	642440.6	908118.1
Phenolamides	34538.55	40713.98	32598.7	70391.7
Phenolamides	36642.86	37909.52	34540.76	33235.81
Phenolamides	32147.67	33499.53	34162	47768.05
Phenolamides	14055.89	24203.03	20114.61	22226.11
Phenolamides	5905979	5025357	4245967	3216413
Vitamins	2655298	3375088	2703165	1947215
Vitamins	15548.9	12783.3	15941.03	13057.71
Vitamins	18040.01	19550.64	24170.48	15093.39
Vitamins	33509336	31038697	29062582	16435089
Vitamins	3552541	4682049	3492397	2671231
Vitamins	44383.28	30796.07	47521.11	10871.56
Vitamins	367158.4	265579.3	239405.9	213433.5
Vitamins	135547.7	149407.3	134628.2	129109.4
Vitamins	80901.49	70721.38	9002.805	77959.59
Vitamins	12158.88	16498.68	18984.73	13229.26
Vitamins	130118.4	149504.8	146602.4	204619.3
Vitamins	4947699	4882523	4764073	3842678
Vitamins	52382.02	483523	58201.58	116066.3
Amino acids	794382.2	730578.8	828843.8	670203.2
Amino acid derivatives	1.16E+08	1.17E+08	1.12E+08	91389673
Amino acid derivatives	1029952	1159762	1047692	866633.6
Amino acids	1446921	1511671	1478776	1497264
Amino acids	19329250	18568081	18763438	10028631
Amino acids	3077473	3047821	3212902	2185889
Amino acids	3074213	3022232	3311121	2262452
Amino acids	681215.1	708875.7	702878	587269.6
Amino acid derivatives	2.16E+08	2.07E+08	1.93E+08	1.03E+08
Amino acids	4760695	5204071	4828939	2302983
Amino acids	4836411	5562603	5165166	2266521
Amino acid derivatives	463221.1	525261.1	413527.5	257529.3

Amino acids	352131.7	292884.1	384042.5	127323.1
Amino acids	2778238	2644662	2692063	2411027
Amino acids	13352.06	110921.5	128491.6	78137.9
Amino acids	48816800	48346047	47660163	25387508
Amino acids	52226281	50653316	52049210	27582560
Amino acids	42810675	40599902	42725311	34821409
Amino acids	1301134	1430053	1372574	660577.4
Amino acids	4968504	4778388	4996683	1775519
Amino acid derivatives	1930913	2067698	1727880	3137305
Amino acids	986704.8	908566.9	1004648	819136.8
Amino acid derivatives	32593.83	27898.91	29660.75	27837.66
Amino acids	67993.17	50478.03	51187.88	21987.82
Amino acid derivatives	204909.5	206662.1	238270.9	103896.7
Amino acid derivatives	3681752	4108185	3767042	3401285
Amino acid derivatives	3084434	3382062	2920414	2670019
Amino acids	4040537	3963825	4364358	675221
Amino acids	1.33E+09	1.24E+09	1.27E+09	6.4E+08
Amino acid derivatives	606678.9	636155.1	607707.7	694960.8
Amino acids	5165367	5048484	4946325	2005176
Amino acid derivatives	54980.51	52076.7	43356.19	83986.39
Amino acid derivatives	171583	236423.7	172874.4	241478.8
Amino acids	9839478	10271128	9223700	4956077
Amino acid derivatives	1792206	1684017	1630564	302107.1
Amino acid derivatives	2200693	2444764	2136358	1058698
Amino acid derivatives	101907.9	110352.6	111971.1	88501.54
Amino acids	110121.1	111284.7	115105.6	91468.05
Amino acid derivatives	228705.7	232942.8	191591.6	404254.2
Amino acid derivatives	1032417	964402.2	1049852	602522.3
Amino acid derivatives	51154.05	24535.16	21299.7	43497.46
Amino acid derivatives	503411.3	636727.6	790243.6	737451
Amino acids	2.92E+08	3.26E+08	3.01E+08	2.07E+08
Amino acid derivatives	283553.4	234884	227058.6	239239.1
Amino acid derivatives	629489.9	610314	699124.3	564270.6
Amino acid derivatives	15772.52	13103.59	16400.57	11621.31
Amino acid derivatives	67544.33	80038.23	712963.8	166701.1
Amino acid derivatives	42936	39018.88	41521.58	63143.74
Amino acids	101259.4	124296.5	149356	184761.2
Amino acid derivatives	44336.28	43980.84	54566.15	25105.41
Amino acid derivatives	3660293	4299819	3607363	2564322
Amino acid derivatives	126908.9	132824	131393.7	115619.9
Amino acid derivatives	1342771	1452223	1216029	258078.8
Amino acid derivatives	12604.85	17973.8	15182.68	34950.28
Amino acid derivatives	754406.7	901846.2	896061.8	561415.4
Amino acid derivatives	1096593	1541119	1264022	839161.2
Amino acid derivatives	35563933	38355692	33474449	19809918
Amino acid derivatives	344007	348703.8	300995.2	156415.7
Amino acid derivatives	32234917	33089459	29757530	5383654
Nucleotide and its derivates	190994.1	200861.2	193826.8	70524.36
Nucleotide and its derivates	73715.69	64332.96	63760.03	33498.67
Nucleotide and its derivates	350155.6	306328.8	327422.2	349748.7
Nucleotide and its derivates	224770.9	245428.4	181002.3	168479.4
Nucleotide and its derivates	481534.4	462128.1	478619.5	521876.4
Nucleotide and its derivates	22236.87	21854	15346.74	13884.24

Nucleotide and its derivatives	7334591	8748777	6433411	5929213
Nucleotide and its derivatives	2250196	2427321	2356192	1750934
Nucleotide and its derivatives	3035988	3336016	2877597	2821693
Nucleotide and its derivatives	14143793	15317965	15003918	23370642
Nucleotide and its derivatives	206335.7	194260.3	170186.6	419020.7
Nucleotide and its derivatives	2016432	1997113	1907327	1252551
Nucleotide and its derivatives	20632812	22496614	19815123	13614308
Nucleotide and its derivatives	42337533	48053581	41177044	32052377
Nucleotide and its derivatives	76877.81	769925.7	972994.1	845010.9
Nucleotide and its derivatives	439554.2	434588.1	348193	367775.6
Nucleotide and its derivatives	2007157	1971953	1926234	1899104
Nucleotide and its derivatives	124433.7	109619	110231.6	81566.54
Nucleotide and its derivatives	644178.8	843212.2	772989.9	626072.3
Nucleotide and its derivatives	964328	887586.5	878553.2	221796.6
Nucleotide and its derivatives	384248.8	366025.7	377869.6	203407.4
Nucleotide and its derivatives	15012776	11792211	12644959	45037953
Nucleotide and its derivatives	3263701	3821499	3725688	5821774
Nucleotide and its derivatives	3801179	5265932	4402597	2752173
Nucleotide and its derivatives	78071.77	73690.87	74200.34	98929.74
Nucleotide and its derivatives	31506782	30537287	36399858	36868357
Nucleotide and its derivatives	16617567	21958667	19588086	14222739
Nucleotide and its derivatives	1.13E+08	1.17E+08	1.06E+08	97862876
Nucleotide and its derivatives	177109.4	136139	118148.6	104332
Nucleotide and its derivatives	8712443	7909645	7436440	5507542
Nucleotide and its derivatives	320478.3	223955.1	243596.8	143374.7
Nucleotide and its derivatives	9998079	11295916	9641719	15829864
Nucleotide and its derivatives	287345.6	260390.6	304099.8	333581.9
Nucleotide and its derivatives	1902491	1982612	1596312	1971554
Nucleotide and its derivatives	3199168	2820129	3213092	2685559
Nucleotide and its derivatives	9467635	9054752	10813398	6700228
Nucleotide and its derivatives	377223.4	310631.6	441788.9	5662018
Nucleotide and its derivatives	19966.34	15633	117917.5	26604.43
Nucleotide and its derivatives	1.69E+08	1.91E+08	1.96E+08	1.28E+08
Nucleotide and its derivatives	2.57E+08	2.2E+08	2.03E+08	1.65E+08
Nucleotide and its derivatives	13347996	15172975	13606565	14370349
Nucleotide and its derivatives	614076.4	555669.3	537790.9	768342.5
Nucleotide and its derivatives	16720974	1330075	13018597	13400311
Nucleotide and its derivatives	2204563	2041989	2138020	2559348
Nucleotide and its derivatives	60578809	67558232	58101062	41529611
Nucleotide and its derivatives	62598565	71587400	60452809	43166443
Nucleotide and its derivatives	2281428	3106122	2509202	2663338
Nucleotide and its derivatives	8330586	7210287	7470238	3686798
Organic acids	108935.6	94565.69	33846.6	18013.97
Organic acids	8974405	8865625	8960643	17110453
Organic acids	161622.2	178884.2	187331.2	136470.8
Organic acids	97252.46	93198.62	129026.5	58036.46
Organic acids	73942.48	69446.87	74880.96	86682.63
Organic acids	27004.13	10064.01	25036.87	53134.49
Organic acids	463266.9	381641.7	323557	383047
Organic acids	3631365	3555084	3549050	1765202
Organic acids	5110913	5658706	5092937	2275012
Organic acids	269018.1	281325.5	234770.4	226087.4
Organic acids	1279259	1401403	1339531	1688881

Organic acids	424612.6	390209.1	390862.7	739160.7
Organic acids	15169.13	195831.9	178082.8	82004.11
Organic acids	459363.7	500659.5	419655.3	307815.2
Organic acids	195023.2	160212.5	184278.4	300646.7
Organic acids	19359.24	38363.62	18558.59	37237.6
Organic acids	10673.47	8300.485	12644.03	3816.55
Organic acids	1234375	1175982	1201512	1192792
Others	15845.95	22179.32	16155.65	14669.24
Others	219166.2	145403	26329.98	10468.06
Others	60327.96	60373.91	50935.64	172259.6
Others	2505397	2445169	2619960	1621699
Carbohydrates	328633.9	289088.5	343697.9	445677.5
Others	34590.1	28487.71	48115.05	59683.44
Others	531037.6	627527.9	508128	669013
Others	623900.8	626271.5	606988.7	722026.3
Benzoic acid derivatives	133691.3	104409.2	136739	22731.82
Benzoic acid derivatives	2997063	3971865	2156228	2807745
Nicotinic acid derivatives	1202283	1242262	1069801	648262.2
Indole derivatives	510580.4	639975.4	522561.8	624870.7
Others	12323.04	12141.42	32829.66	28712.54
Indole derivatives	291178.3	294462.7	254654.1	630779.6
Others	245754.8	32399.75	387450.8	204556.1
Others	2053521	2210654	1935687	1874200
Nicotinic acid derivatives	329019.2	333169.9	311926.5	219103.6
Benzoic acid derivatives	279676.4	405340	316730.9	209353.4
Benzoic acid derivatives	19308.98	153345.6	187890.5	19498.25
Pyridine derivatives	211501.7	242856.5	248210.6	280394.3
Others	48178.45	64971.53	69315.27	115047.3
Others	2393473	2598604	2259756	1373079
Others	1.02E+08	97215512	1.04E+08	87991252
Coumarins	500423.6	526691.4	430872.3	915113.4
Others	23039145	21405295	22146033	20850789
Hydroxycinnamoyl derivatives	125569.8	107433.3	141207.4	164016.3
Benzoic acid derivatives	195275.4	364736.7	24166.88	629734.7
Pyridine derivatives	13572818	15834558	13441181	8577122
Tryptamine derivatives	156296.2	161586.7	176207.1	245359.8
Coumarins	80460.99	109925.2	87654.8	80427.04
Others	186458.7	171366.5	203268.3	130112.8
Hydroxycinnamoyl derivatives	1270279	1755192	1130817	795492
Hydroxycinnamoyl derivatives	143908.6	94964.84	40674.34	222708
Hydroxycinnamoyl derivatives	13139.94	11386.41	12248.39	8463.656
Others	93356.96	133458.2	91794.45	103979.9
Indole derivatives	156455.3	116366.1	113675.1	174336.9
Coumarins	208063.2	292023.5	255310.8	295462.7
Coumarins	2081640	1928242	2509837	881398.7
Coumarins	432033.8	638084.3	513297.3	377766.7
Carbohydrates	2646430	2623249	2345881	2361273
Carbohydrates	131707.5	114661.1	147383.4	152820.7
Hydroxycinnamoyl derivatives	479322.2	564855.9	613565.3	410160.3
Alcohols and polyols	5435191	5658370	5727372	5497923
Organic acids	19125.81	160321.4	109086.1	208404.4
Hydroxycinnamoyl derivatives	234441.3	348509.3	330756.5	10808.99
Alcohols and polyols	283789.1	303036.8	263308.3	333844.3

Indole derivatives	707407	880296.1	802378.6	466408.8
Indole derivatives	597455	556243.6	509950.6	210919.1
Coumarins	72746.34	72811.61	67306.95	372738.5
Hydroxycinnamoyl derivatives	82509.56	72697.93	67988.72	142276
Carbohydrates	334302.7	298016.5	493328.4	311975.7
Indole derivatives	13737010	16066473	12496424	8275315
Coumarins	83882.24	77900.47	4474316	123227.3
Benzoic acid derivatives	51231.49	28554.66	40648.17	42801.88
Tryptamine derivatives	679512.5	756869.4	629628.5	539183.1
Tryptamine derivatives	671915.9	536897	629869.7	671398.4
Carbohydrates	345783.4	400788.9	398383	404102.8
Tryptamine derivatives	27596.6	49628.46	14985.37	66437.07
Hydroxycinnamoyl derivatives	114794	1470904	117694.6	1431358
Nicotinic acid derivatives	12243032	12379279	12441131	13350282
Others	12325.28	134849.4	15500.37	20794.03
Others	19042.4	15539.79	11178.67	31135.28
Tryptamine derivatives	55704.13	60844.32	6616.979	6228.04
Quinate and its derivatives	128603.2	172928	141305.1	474532
Coumarins	100476.3	158896.1	170248.4	224166.4
Tryptamine derivatives	45045.01	47448.25	51547.62	33728.28
Coumarins	994142.7	921192	989186.2	933801.6
Coumarins	105114.5	91468.39	92959.27	125249.3
Coumarins	2863078	2861602	2733172	5336535
Others	894002.3	997818	1061288	1034082
Quinate and its derivatives	34158231	32983673	29465242	53490472
Quinate and its derivatives	33188695	39014024	33723883	53851504
Quinate and its derivatives	857527	1000919	764948.4	1381570
Quinate and its derivatives	846504.6	904601.3	737409.3	1641038
Quinate and its derivatives	23391.25	25529.88	21122.26	37820.77
Coumarins	150410.7	170419.1	194608.4	185672
Others	7956968	9867408	8292391	4429560
Hydroxycinnamoyl derivatives	242591.4	187008.9	157995.2	273172.8
Others	52579595	41034863	32017208	33156262
Tryptamine derivatives	430814.8	612171	524006	824014.2
Others	30383988	27895761	31179946	1.15E+08
Indole derivatives	19690.66	8816.978	9081.014	57837.31
Lipids_Fatty acids	743922.9	669033.2	602735.9	158527.4
Lipids_Fatty acids	1180171	1284220	1050003	295282.7
Lipids_Fatty acids	3026952	3348967	3252100	918507.8
Lipids_Fatty acids	1.37E+08	1.29E+08	1.33E+08	1.29E+08
Lipids_Fatty acids	961717.3	956711	904126.6	286099.8
Lipids_Fatty acids	34990.27	29595.45	40483.03	25196.43
Lipids_Fatty acids	149797.1	136035.8	135718.6	61381.64
Lipids_Fatty acids	15092.1	11255.03	12346.92	11212.82
Lipids_Glycerolipids	423096.1	440872.6	374462.3	163457.4
Lipids_Glycerolipids	196219.2	189979.9	183201.3	41199.2
Lipids_Glycerolipids	4162171	3732208	3684145	761493.3
Lipids_Glycerolipids	4605049	4571413	3847472	1583106
Lipids_Glycerolipids	2949732	3577691	3443476	1214820
Lipids_Glycerolipids	96778.9	100594.1	96170.86	37307.4
Lipids_Glycerolipids	93952.92	123883.1	86047.71	37487.73
Lipids_Glycerolipids	24900.83	22076.46	18106.36	18181.29
Lipids_Glycerophospholipids	659699.6	685141.8	611705.5	258616.3

Lipids_Glycerophospholipids	141288.5	117287.9	137376.3	56105.22
Lipids_Glycerophospholipids	73146.06	1021720	73865.11	34959.99
Lipids_Glycerophospholipids	95221.34	107316.9	107809	103999.1
Lipids_Glycerophospholipids	30121.39	38312.29	37063.58	38108.75
Lipids_Glycerophospholipids	650509.9	631316.6	612818.4	644704.9
Lipids_Glycerophospholipids	211443	198010.9	185382.4	89091.53
Lipids_Glycerophospholipids	168636.7	209161.3	163081.9	51550.05
Lipids_Glycerophospholipids	2061064	2401323	1995657	528237
Lipids_Glycerophospholipids	716707.3	807602	759126.5	596509.3
Lipids_Glycerophospholipids	3779815	4250080	3249978	1599746
Lipids_Glycerophospholipids	3867364	3352522	3480193	1563858
Lipids_Glycerophospholipids	88314.82	87380.02	110063.8	24353.63
Lipids_Glycerophospholipids	40969736	45421448	37029250	22521713
Lipids_Glycerophospholipids	2320079	2398763	2272309	804016.9
Lipids_Glycerophospholipids	11254424	13550553	10541572	6200403
Lipids_Glycerophospholipids	1259005	1483034	1192487	807036.2
Lipids_Glycerophospholipids	303595.8	355082.7	361563.6	328214.8
Lipids_Glycerophospholipids	1162679	1248777	1019232	493187.8
Lipids_Glycerophospholipids	487735.4	509373.4	427795	331790.4
Lipids_Glycerophospholipids	241232.4	265666.3	226342.5	177937.4
Lipids_Glycerolipids	212395.9	367486.3	298457.5	161435.1
Lipids_Glycerophospholipids	345836.6	327190.6	335044.1	260210.2
Lipids_Glycerophospholipids	352026	344293.6	322381.4	32167.89
Lipids_Glycerophospholipids	275170.1	274201.1	256325.4	237317
Lipids_Glycerolipids	1285193	144239.7	1130981	117214.7
Lipids_Glycerolipids	134801.3	128639.3	143357.4	51676.46
Lipids_Glycerolipids	177608.4	200198.2	178157.2	68214.07
Lipids_Glycerolipids	658075	568484.2	581464.9	154887.4

S-L-2	S-L-3	Z-B-1	Z-B-2	Z-B-3	Z-L-1	Z-L-2	Z-L-3
22993827	22426443	16657280	17552138	16011899	16948397	20275776	18820785
58860.27	58150.45	749401.9	520928.8	442021.8	490440.3	804076.1	849720.4
30075.87	18181.65	8519.708	14514.22	25864.95	2991.734	16963.23	5172.694
19025.92	4702.081	8750.962	18628.21	8326.66	16219.3	35375.59	9815.269
24973.59	10015.57	8285.525	2056.534	23752.17	13274.79	6530.052	5252.686
81273.42	82381.57	130736.8	104010.4	92217.76	63084.21	48766.96	51950.65
779886.1	109026.9	2284878	1808134	1825131	186602.1	2683674	2382793
494036.8	529610.3	576354.8	556753.7	415588.6	907495.3	985943.2	60629.25
215860.1	20709.14	23636.32	50862.19	48444.13	126341.8	17130.48	11869.02
109879	96879.23	15460.36	23451.95	31295.22	55828.63	63829.79	32337.65
16787951	17125744	16380998	16541216	13912481	15367345	16466512	16410811
16560249	17783816	15146623	16158544	13579173	14614932	16774580	15989491
16790909	16710922	15483895	16683157	13757030	14540124	16888601	15312856
1.14E+08	1.17E+08	15541342	14614903	13669889	10206311	10434984	9427750
57151.61	32234.28	50359.18	47751.96	70347.76	7596.003	78442.77	69373.99
6071.833	9303.849	9603.751	14434.98	39103.14	47254.51	23143.26	45053.16
8044.424	3836.275	24524.09	6002.041	2870.65	12975.2	3586.317	8049.443
1241578	1948687	25220.75	46834.56	27906.41	223664.6	110287.2	22592.5
470518.6	2576008	15742148	9940930	9645013	8108462	10518720	1097522
68352.04	140696.9	66963.39	125766.9	56255.2	114491.2	52690	53273.85
205250.8	307132.8	744380.9	181264.6	316585	1288374	635282.6	251861.9
3506.439	1162.903	1080.86	636.525	2121.958	2855.714	2164.508	1723.789
1794075	2832869	25621.49	60952.82	20962.03	568447.5	736163	951333
72531.69	221544	2287071	227972.5	137539	129181.3	1454441	402111.7
1986930	3317335	1501480	1462600	1293988	1566448	1848107	1778614
9.89E+08	1.02E+09	1.03E+09	1.01E+09	9.44E+08	9.6E+08	9.84E+08	9.77E+08
9.53E+08	9.8E+08	9.7E+08	9.81E+08	9.23E+08	9.62E+08	9.61E+08	9.53E+08
195404.6	236113.5	317761.8	333352.8	284708.5	221888.1	253618.7	264409.9
469142.9	471418.9	772466.7	892298.6	765745.2	1462822	1537334	1433564
5320.665	64704.78	130242.8	172448.6	8633.495	297139.9	318276.3	271252.9
95825.04	45914.26	69313.6	79725.99	29297.58	51433.35	141684.4	145958.4
301843.8	95087.03	309978.2	42385.37	190199.4	135463.8	644366.7	860655.1
222264	18706.5	106963.8	58648.02	93529.73	19956.24	166627.1	517283.1
85910.72	108380	109275.9	105349.2	85138.29	95848.87	119725.3	168380.2
1580605	1387986	887003.3	1109872	1437312	3885803	4094127	3285803
8.88E+08	8.82E+08	8.41E+08	8.56E+08	8.45E+08	8.64E+08	8.45E+08	8.32E+08
8.56E+08	8.51E+08	7.87E+08	8.3E+08	8.15E+08	8.34E+08	8.23E+08	8.21E+08
13958.93	6657.285	6525.578	9094.434	7109.016	14930.08	16996.43	36317.64
12199.14	6657.647	11654.04	7178.583	6568.366	21574.52	14910.32	19432.57
1825680	2461632	1204990	1581662	1292839	2522434	2551327	3208686
2259019	1928719	1199988	1607429	1244174	2504055	2769390	2578718
1708110	1733310	2047127	2176245	1680033	3435696	3885291	3756545
5385.158	22669.47	14680.37	5126.816	111157.5	15600.76	138669.1	95739.98
7315975	4323241	7318657	5620196	3271159	4397215	6788485	4579964
13002.2	4287.469	13114.83	23098.93	12271.96	3301.678	9206.241	17642.58
424774	473953.6	385712.2	403017.6	372890	722226.8	818261	859345.4
23331.75	21736.74	31566.57	25716.64	31622.45	29763.95	22499.34	33875.24
25665.24	39215.63	7743.616	15344.32	11164.33	11763.11	13316.66	3225.987
984907.1	1033445	919813.6	808845.7	153528.5	6609391	1135067	987611.5
4406458	5047942	869334.5	825487.8	667513.8	6564099	8199303	7466265
29519.05	17235.43	33967.48	26605.23	22714.48	23602.27	26864.83	37131.8
266707	256385.3	87163.31	72600.7	59703.53	154508.9	229584.8	180646.6

149158	149357.1	81987.26	68785.33	64541.95	276566.2	281960.8	284940.6
43310.33	27602.54	14260.16	19753.03	62704.01	35767.74	13445.48	29847.4
97848.21	209038.1	73696.21	51816.59	73614.86	74373.32	62420.21	140456.2
240287.6	207843.7	99235.8	90708.75	100951	132637.5	150654.6	126187.8
792612.5	759444.2	62827.69	92290.6	70141.41	813708	482168	785767.3
9975.827	19277.67	16058.54	2746.378	963.2025	6772.577	14348.61	13872.76
46566263	47493269	7142950	7664895	5990659	19342788	21900503	22465243
9657391	10663266	7451144	5338710	4653691	20976333	32464480	25584437
8113806	8361813	46641014	47371506	35045281	1.31E+08	1.45E+08	1.47E+08
51023300	59356113	8135176	7804680	6328642	22904376	24273521	25832995
59477813	64784963	3459268	3215236	3381280	22740946	31144485	28707462
47455441	53448112	8163948	7299506	6423647	22500946	22948493	24036850
12357228	12742349	12609993	13128094	9362164	35684203	34085319	32244635
44022592	52397973	3775587	3526989	2992441	18051482	25486680	33278253
37339648	41784121	16861516	17654066	16852034	74628584	83922342	80863097
8458558	8684769	3402235	4112268	2990258	4103584	4446916	4177433
35852220	37159413	14661385	13415438	12741072	10840775	9682923	10261604
7.86E+08	8.16E+08	7.35E+08	7.41E+08	7.2E+08	5.31E+08	5.34E+08	5.46E+08
18635.5	60307.31	34595.18	12079	21460.45	40812.78	34510.25	59645.64
6.49E+08	5.77E+08	6.24E+08	6.59E+08	1E+08	1.05E+09	1.06E+09	1.09E+09
2.34E+08	2.26E+08	1.31E+08	1.37E+08	1.04E+08	2.69E+08	2.89E+08	2.8E+08
6.19E+08	6.64E+08	6.48E+08	67297943	5.47E+08	1.01E+09	1.06E+09	1.06E+09
54359537	44901425	8.15E+08	8E+08	6.96E+08	1.74E+09	1.7E+09	1.72E+09
4221889	4282451	283040.6	336159.4	225616.4	4406101	3567468	4352927
5346023	4893671	568188.2	358843.8	338717.9	170120.1	4083051	4008434
1.2E+09	1.22E+09	1.06E+09	1.1E+09	9.96E+08	9.86E+08	9.9E+08	1E+09
12543.82	60275.9	68859.27	45240.97	50119.89	14616.34	17519.67	17847.02
70806.3	31787.69	13968.49	23169.82	14169.8	1790140	1184062	1438377
574637.6	646833.4	184082.1	173570.8	219112.9	425793.8	611944.4	503953.1
524297.8	537204.1	806964.4	835154.3	660078.6	1537598	1602291	1573680
83032.27	102981.3	152639.5	149680.4	174359.1	54062.08	41467.51	30422.71
33317.56	38980.62	151824.5	112544	153592.7	40293979	40125716	39705192
13925688	14164725	9585850	9179395	8528099	12041329	14588059	16396884
9.7E+08	9.23E+08	6.23E+08	6.34E+08	5.53E+08	1.39E+09	1.4E+09	1.36E+09
6.33E+08	6.11E+08	5.12E+08	5.07E+08	5.65E+08	1.29E+09	1.41E+09	1.4E+09
1668394	1743897	1383679	1221967	1251322	3013113	3146567	3380843
20265021	21896403	4.54E+08	5.1E+08	4.32E+08	1.28E+09	1.3E+09	1.28E+09
20552.07	32671.73	20061.93	14347.38	13141.33	35738	36374.08	37355.06
142092.2	137383.6	241440.3	206734.3	166192.7	320309.6	353896.6	352672.6
86460.79	83172.38	21560.09	12749.88	15010.88	42017.1	52187.66	45385.76
340928.8	303459.9	60277194	63032526	66257650	2.95E+08	3E+08	3.29E+08
7516453	6601661	5352602	5095947	3811658	50099161	46543187	5058598
640261.6	773240.4	681966	625844.7	771786.1	491242	449785.2	403125.9
4199687	4146935	1263571	1744222	1755547	293542.9	200823	267515.4
7683242	8638123	4815304	4708031	4259165	50507579	57883028	57722499
12508125	12846257	14912461	15236238	14068038	47709708	55959161	61120600
325759.7	300940.3	2255581	2148303	1777990	11845331	13130920	14842824
1.55E+08	1.66E+08	2.31E+08	2.14E+08	1.95E+08	2.96E+08	3.4E+08	3.4E+08
49695.41	49229.99	2483397	2513549	2465534	14395738	16561375	17125457
27163.95	19775.81	40831.47	55123.81	45671.8	31928.21	26968.56	19381.95
7856394	7400533	7733023	7530312	6384312	14767357	15549331	14584781
38971.56	36841.57	29015.79	48569.64	30166.78	31938.68	35840.52	37440.39
7732976	7546734	7005990	6316394	5617249	13580625	14652148	14045010

249632.8	104594.9	105322.7	148930.3	147186.1	222151.1	202299.4	243224.6
718957.7	671336.3	549169.9	507977.7	481150.7	636531.8	627784.7	641608.3
204009.4	190224.8	322558.5	332779.6	342874.9	729356.4	872716.6	894942.8
13627.89	17853.02	12022.38	14362.45	14818.47	80425.84	93314.87	99476.76
2609760	2551777	1272586	1437979	1064173	1765063	2055119	2001946
77351.47	92981.59	71196.27	70932.81	78815.41	38184.39	30626.2	36812.61
686797.4	666217.5	1000583	814502	906474.2	1516751	1577811	1661763
534240.1	696978.7	60499.69	4702.816	63129.88	411412.6	445372.9	423972.9
23069420	25332183	1527005	1932474	1596310	10671860	11966285	12200893
31451498	30254550	7836540	7599674	7258108	42540459	50385484	49018197
41520783	54281352	16686093	15378831	14634779	82163930	86205230	87289531
938894.1	983218	182410.8	194926.7	194445.4	738224.7	737653.3	767870.8
6555707	6225256	7452158	7138576	8429836	2553100	2980392	2544162
1674091	1745702	14145821	15088003	15740291	1133255	2141414	2197261
2917054	3287519	2771470	2267211	2741161	7196535	9360795	11220646
3.08E+08	3.09E+08	19192132	20352677	16058523	1.25E+08	1.45E+08	1.46E+08
1.98E+08	2.12E+08	2.14E+08	2.24E+08	2.5E+08	1.99E+08	2.31E+08	2.25E+08
40793667	39971985	1.97E+08	2.39E+08	1.81E+08	3.52E+08	3.77E+08	3.96E+08
46620719	40690649	2.01E+08	2.23E+08	1.86E+08	3.49E+08	3.84E+08	3.96E+08
192405.4	121718.6	158002.1	186275.4	150681.9	555404.6	594827.9	494417.8
6078090	6287530	4352582	4747987	4522383	3627322	3749924	4134485
345100.3	368403.5	158399	125163.1	157315.4	609682.3	888525	863128
4231424	3318794	5328133	5409987	5748649	9355389	10133321	9848891
4285568	5234329	3983560	3243878	3466690	2025607	2127989	2696321
1.8E+08	1.78E+08	3.24E+08	3.17E+08	2.87E+08	3.17E+08	3.35E+08	3.18E+08
17562981	18099442	32185076	36813671	31895885	39802409	39637464	43434909
178812.3	157409.7	112066.8	121234.7	85605.34	29874.7	25348.3	44099.8
169711.4	101884.7	31142.96	30175.64	35501.02	312746.3	417585.9	311289.2
4.56E+08	5E+08	1.26E+09	1.3E+09	1.22E+09	1.3E+09	1.21E+09	1.25E+09
4.49E+08	5.11E+08	1.23E+09	1.24E+09	1.24E+09	1.33E+09	1.32E+09	1.34E+09
1685243	1801622	702549.5	648421.6	645438.2	3727708	4137288	4479459
7040234	8381529	48842803	56944981	45572703	1.98E+08	2.03E+08	2.06E+08
1.23E+08	1.31E+08	67673195	70801755	60555220	69206139	70522504	68170387
110725.7	117829	314446.1	335175.2	29227.81	838429.9	836346.2	807388.2
5024109	4440796	497231.4	340641.2	291971	1942108	1879275	1719394
49942.99	44649.93	11252.67	10741.77	21029.38	22440.51	33349.64	24590.14
14033503	14710906	3463672	3563623	2684600	5755486	5558342	5522543
2.93E+08	2.83E+08	1.33E+09	1.38E+09	1.33E+09	1.28E+09	1.29E+09	1.3E+09
2.98E+08	3.08E+08	1.36E+09	1.36E+09	1.35E+09	1.32E+09	1.36E+09	1.32E+09
3.01E+08	3.12E+08	1.28E+09	1.32E+09	1.27E+09	1.27E+09	1.28E+09	1.27E+09
1510643	1390312	759713	807305.7	715733.6	746776.6	812425.4	934341.8
3664730	2979451	539300	715062	449625.4	440069.5	331787.8	564283.8
1.38E+08	1.28E+08	78117479	76978803	74286051	73224487	78453762	80504215
9981111	9877114	5795425	7278392	6388834	29336330	29599802	37518227
2.77E+08	2.85E+08	1.32E+09	1.33E+09	1.29E+09	1.25E+09	1.27E+09	1.29E+09
69366.11	76167.28	134994.1	91355.43	70084.31	75307.19	77813.86	94455.01
530316.8	638177.3	798806.5	914637.1	749408.2	4588008	4883379	5028547
17669.98	22414.58	361431	364730.1	344620.4	1149635	1515500	1383057
5456110	5216072	4.35E+08	4.21E+08	4.21E+08	8.17E+08	9.1E+08	8.98E+08
63036.12	70953.89	171687.9	15680.29	94045.17	87126.86	53653.9	58889.04
3356355	4005587	1820918	1949233	1860081	7089595	6794466	6605324
6962099	7296178	1956894	2015859	1701948	6189337	7046788	7285585
25585.31	39500.77	40143.92	33397.07	18177.05	12200.89	21417.64	43883.7

1844735	1776263	11799849	11566013	10782507	45803106	56484617	57655797
22483.07	33526.31	30170.02	31158.4	34799.79	27993.89	20490.03	33339.05
105270.7	111420.6	15125.45	17795.61	15080.25	52225.22	47983.77	41960.23
206463.7	197784.6	410060.6	404727.9	464850.1	447905.6	470604.3	570376.9
93333.89	88647.77	22747.63	23741.52	29668.73	18214.27	30202.64	23246.16
1518002	1559810	1373476	1515475	1222187	3611466	4166345	4663469
34045.07	35791.76	52309.21	142662.8	111762.3	230788.4	307485.3	168043.1
30303.68	37947.01	161906.3	157879.5	125898.8	285686.7	255574.7	305131.6
19105.49	18948.73	48080.94	7544.696	49428.22	81494.69	80638	83735.5
22368.69	24355.59	14402.38	14803.34	19381.82	45094.28	45835.88	41844.89
12174.67	10147.83	45534.47	217751.9	15186.1	23589.68	53862.77	28995.81
455657.6	540302.4	1153352	1203287	1230483	1371779	1260467	1144744
773033.7	756590.6	1187834	1241544	1037679	429063.1	423554.5	256754.1
155130.2	172890.4	804058.5	829121.9	638663.7	1486358	1729704	1865713
647988.2	550839.6	63934.43	61879.09	69626.51	225839.2	209635.8	221909.1
206418.5	163209.8	23056.01	36967.37	2857.901	75754.6	56562.67	136709.5
95142.94	115090.7	42265.89	38617.29	33063.01	40858.43	43986.82	54322.63
281756.2	283006.4	4054084	320110.1	32432.76	2179355	3594190	179591.7
16535089	16799723	3203746	3321506	3055304	5954278	5215015	5490674
26512707	28587378	4746110	3983978	3921765	7811654	9104550	8134889
11573023	12042452	2026959	1909790	2015188	2711869	2885858	2330911
75102.72	99447	65557.55	65729	63110.44	5182.036	51571.07	45033.75
24864.27	28778.33	23771.18	20263.63	23916.19	90506.17	112599.3	115025.9
40598.77	31486.18	318664.1	332600.8	305102.4	440885.7	518676.9	485551.3
76473.09	79420.74	307596	262121.2	250036.3	374264.2	418542.2	402767
118971	98688.08	44066.02	40074.95	47330.12	59089.96	53035.04	53038.4
44395.02	65384.09	26717.35	24472.33	26116.26	50235.13	66212.94	46244.43
892444.5	344775.2	293178.9	364130.1	959113.8	756814.7	1019280	1077065
14960.28	100935.1	13150.71	16029.38	12467.72	52678.43	64212.22	58853.45
18015	19662.74	22012.58	21765.47	16120.78	29281.03	32283.28	32478.68
62697.19	79876.79	25958.99	27553.35	24902.5	175530.1	136801.1	158742.6
67338.62	66940.06	29564.92	28576.74	28442.45	14330.95	16982	17629.69
51517.17	471244	2246.643	31701.04	20018.12	20940.43	8212.189	36331.7
13087.66	11531.35	16078.15	14779.47	18175.39	18501.49	16704.16	21089.85
16778.59	16752.75	12779.5	12646.17	12608.79	15145.51	16450.24	15008.49
3052.377	34031.59	44978.17	43557.67	44287.82	45983.68	45480.66	44889.16
63075.36	63766.04	54759.78	54537.48	54290.55	52047.71	42810.3	52189.38
17647.11	1538.641	3244.95	5356.681	11568.85	6244.172	9544.192	4594.478
78710.17	71873.98	62314.74	64474.22	61389.07	13125.89	10581.17	11865.16
83289.26	81299.53	18493.27	12085.06	19255.41	44953.12	42603.22	32149.81
20260.68	20695.29	13254.26	13358.23	10387.86	18819.72	15146.16	13008.97
159162	130383.5	176219.6	196050.2	129427.8	110868.4	118654.9	103933.7
1.95E+08	2.08E+08	2.48E+08	2.59E+08	2.25E+08	2.02E+08	2.21E+08	2.22E+08
3531219	3387831	4751127	4633779	4708179	4966174	5023623	5060460
35754.7	22931.28	37927.47	31065.63	30814.6	32071.84	33598.05	41525.99
80918.82	78304.9	108493.2	130695.5	111429.1	166163.4	222467.6	162089.3
89472.66	93500.94	86608.13	96031.55	106731.5	129630.9	82876.24	68170.79
653500.7	704187.7	453295.7	565216.5	466846.4	475968	585287.7	583139.8
6.45E+08	6.54E+08	8.78E+08	8.41E+08	8.54E+08	7.31E+08	7.4E+08	7.54E+08
11429367	12248438	23411865	24196187	25872018	18092319	18827937	18314178
4676.831	4255.215	19494.94	22209.32	15293.33	10900.74	14021.27	10308.28
13826.53	14725.93	14803.83	11562.88	10941.47	16785.6	16879.42	14945.43
373473.4	355168.8	217310.1	228509.6	199722.8	252850.9	269832.1	247498
54835.31	52764.64	24947.46	22696.83	20418.08	14824.38	15579	14947.58

95009.23	121897.8	95072	113505.1	105727	153506.1	170553.1	165215.1
63664779	60931322	57463238	56866763	57885701	58036297	56448743	55501698
3316.842	9841.941	24148.24	19938.78	21115.26	4782.629	14128.76	9832.44
669676	643594.7	456916.5	466040.3	459082.2	559790	515773.9	545786.1
690581.5	688853	473093.3	541992.7	432566.9	493934.3	431566.5	552093.9
42364.25	38088.46	18222.25	23084.23	18056.46	3600.561	30044.38	38284.29
373980.5	387136.2	326869.8	373227.9	304424.5	544314.9	497984.3	428841.8
1314030	1199378	892010	855716.8	777400.5	686906	742672.2	761951.4
742429.8	657413	284641.2	141563.1	223987	153195	143375.2	239896.9
2492804	2435859	688111.9	687938.1	677501.5	699264.6	711661.8	668475.4
13374.5	15554.3	15515.97	14165.28	11533.92	13863.88	1902.096	18461.22
597562.3	685166.1	311903.5	323973.5	346709.7	330632.2	267672.6	208864.4
294683.4	251074.7	132727	139774	136466.7	196584.2	180860.7	203466.9
2.32E+08	2.41E+08	1.48E+08	1.37E+08	1.31E+08	1.55E+08	1.53E+08	1.54E+08
27740.59	25606.78	135851.7	11053.42	11183.25	47344.79	17282.27	44194.92
1687904	1714980	1006458	910966.5	977426.3	1151818	1027417	1071517
17739.83	14199.41	15528.43	13307.82	16714.1	30045.09	35358.25	36863.78
4750584	4964143	21153.63	26953.13	29461.41	316700.7	345846.6	377697.7
11749.82	17557.93	3637.521	16020.4	16997.06	27313.37	21106.23	28133.32
38681.1	35798.28	33934.53	38046.87	32819.32	48096.66	44595.69	49162.18
15349.46	22278.58	12853.65	13346.84	13948	29015.79	24230.42	23836.56
16025.34	16553.5	34643.92	35892.93	36880.39	55632	57200.33	53164.56
900891.3	884813.3	1305289	1375281	1301478	1053884	1175552	1008656
77869.61	82473.12	74160.69	83951.45	96670.8	104438.1	118219.4	114407.3
39462.65	35836.7	122008.8	135501.1	145442.6	83917.72	71808.69	93278.79
49223.69	44187.67	17118.45	12519	14905.83	25641.2	24295	23934.77
10573.29	23851.6	29401.58	24408.9	26626.01	38258.02	34883.33	32980.67
2905288	3076072	2915690	3037214	3367299	1197276	1427329	958442.2
1495232	1732614	2439334	2357044	2255068	1433699	1617576	1979936
11408.61	10775.82	12784.63	14794.32	12822.39	15281.15	17651.53	11799.03
12152.79	13913.75	11887.01	15697.48	17246.35	32313.16	35149.73	34629.96
16414226	17254881	25772024	26510742	23997447	17036311	19260181	19782832
2096612	2384926	5212116	4822885	4695489	4247375	5697797	5363859
10680.18	11298.29	123210.6	103795.5	98930.13	53576.68	63067.82	53804.17
199275.3	225461.8	980711.8	890227.6	854900.9	413249.9	516776.2	490370.7
102285.2	118900.7	95177.41	117501.1	84902.32	106596.8	138414.5	91996.16
71878.17	87095.76	50480.2	47772.52	48213.75	68149.36	59839.48	75794.31
12185.14	10287.27	14829.28	14904.66	16699.97	18672.67	10171.16	18314.94
216782.6	231853.4	83003.25	87935.66	84745.03	70171.93	87337.77	75793.78
3104809	3844720	2422772	2224704	2530115	2459852	2558411	3509005
121507.2	131337.3	10978672	1310514	112518.8	359303.1	32740.45	3511841
740609.4	637538	712914.5	793418.7	735423.2	694773.5	708646.9	643133.1
87188585	87879559	1.16E+08	1.19E+08	1.1E+08	93753455	1.03E+08	99644722
852709.7	904965.9	1097482	1210026	1023671	914290	905149.2	972313.1
1522990	1590125	1461091	1498951	1434730	1491102	1613209	1499640
9788315	9897901	11858873	12928731	12483381	8543237	9340964	9162555
2279710	2150500	2758407	3009732	2839860	2534821	2851699	2672093
2263738	2212769	2747746	3230543	2791004	2713171	2851233	2878850
616011	619660.4	519569.7	475698	513036.6	413278.5	397479.8	375321.8
1.05E+08	1.08E+08	1.37E+08	1.4E+08	1.27E+08	80766992	90644980	91581591
2283422	2277415	3711439	3768742	3453513	2489158	2919105	2679760
2335810	2380829	3770590	3728966	3228900	2496712	3117605	2940904
238370.4	226862	325033.2	382661.7	296452	231035.1	324185.6	295673.2

116171.9	136563.9	107685.3	139068.4	116755.7	79867.38	77765.41	79497.4
2567149	2420068	1710240	1690211	1930278	1789752	1829116	1831895
78850.53	78933.7	14474.06	15246.26	17462.37	18291.2	15273.41	105299.5
26356131	23967404	23121244	22936699	25087071	20435786	22206058	20855619
28354323	26745284	25566576	24500428	26394602	21777404	24468732	22080352
37457523	33964265	28412106	28526403	31930705	29099352	30659236	30794185
649420.8	615608	1412963	1533559	1425879	637715.7	682607.2	660868.3
1666455	1825973	3605692	3907847	3697246	1483321	1762712	1660271
3327522	3190779	1366930	1436769	1354306	1800084	1765101	1566600
828717.1	797910.6	685554.1	644973.8	756357	734383	694871.2	804578.3
25965.67	20978.86	28010.82	25535.15	29391.33	17956.13	15293.37	18304.17
29712.21	20859.84	54349.05	46780.11	40345.1	30788.77	30088.85	29393.58
134759.1	116067.2	213205	211542	184834.3	149010.8	142012.5	102056.3
3321799	3215781	4495605	4730800	4713000	3114055	3241598	3168470
2785643	2628026	3883530	4274677	3952517	2941724	3172151	2980435
708717.7	703761.9	2273509	2638865	2518676	1634823	1691325	1751397
6.66E+08	6.87E+08	1.19E+09	1.21E+09	1.15E+09	8.52E+08	9.13E+08	9.42E+08
752965	747528.9	411573.1	268762.3	421246.9	419184.6	343667.9	317276.1
2062082	2005066	4598436	4720718	4368883	2957959	3325620	3328573
79370.96	98716.5	52660.82	75681.58	42159.42	96750.51	73225.94	67802.48
205191.1	218908.2	187797.7	214954	182387.4	253179.6	294007.1	262205.5
5439656	4999788	6291863	6663622	5740279	5748839	5427767	5975870
308007	293635	580834.3	712958.2	576332.9	123544.8	167651.2	187394
886024.9	894119.8	2282223	2310747	1855554	1352600	1516371	1551632
107363	103670	77484.75	73455.3	58654.45	85031.63	91990.34	79554.25
62618.66	48502.42	86828.2	98271.42	86197.53	43806.19	72052.11	46726.33
274908.7	218578.8	138934.1	227574.9	239314.8	272900.8	258424.5	280393.3
779703.9	810439.3	1298329	1453819	1524932	1107124	996757.5	1030929
1767.518	43488.44	46181.8	34613.7	19278.22	18417.6	58743.91	28928.26
756374.6	565187.2	510660.4	553899.4	496677.9	472907.2	758952.9	777508.3
1.99E+08	2.06E+08	2.79E+08	2.81E+08	2.55E+08	1.64E+08	1.59E+08	1.59E+08
248577.5	259729.4	263421.8	317531.7	332453.8	242733.6	253312.1	334775.5
500117.6	587790	209690.8	213773.3	238482.2	216083.9	221176.8	237632.8
17530.1	11035.57	8399.219	85351.7	87727.49	19661.91	11646.65	25405.08
201769.7	179848.4	53674.82	70299.7	77952.18	74302.44	76138.84	99358.79
71797.9	74507.26	98446.02	140843.6	109378.5	112800.3	114496	113910.1
176586.8	174656.7	75754.71	100968.6	109549.8	164232.2	133876.7	134169.5
29182.36	32303.99	32154	44632.36	35294.04	32906.27	39496.12	33319.65
2280396	2715346	3527582	4386042	3798728	4397074	3463877	3522422
163859.9	126845.2	152586.4	180896.2	139463.6	100358.1	144948.1	109694.6
295280.3	244456.1	1042404	1178787	1209011	283853.6	323090	277663.6
32969	36369.97	22798.84	28432.16	33046	14570.04	11221.76	10650.14
477243.9	464443.8	739193.4	719290	654987.4	510715	539547.7	486938.3
665337.4	751905.9	644806.4	618231.8	516280	344364.6	333233.8	300713.6
19157454	20830446	30968335	31907011	27835433	15730200	19575773	19095496
178056	169114.2	160206.3	296972.6	157095.5	168018.8	138678.9	205465.2
4294093	4319391	27345049	25317805	23510822	5670558	6687301	6159503
136775.2	126915.8	158217.9	144309.6	121514.3	131852.7	156804.2	143346.7
2986.71	20531.15	42250.33	33902.26	55347.32	66557.47	71786.68	56699.1
280642.6	344138.5	1032478	970905.1	924565.1	606513.4	720175.5	667387
241906.8	257390.4	306012.9	209417.7	280156.6	246505.1	318802.6	262750.7
549476.4	576410.3	954167	903053.3	743600.7	801368.7	757271.9	753190.3
17894.14	13004.99	18335.84	18864.01	17326.79	28704.29	24650.47	24354.79

5801761	5307038	10264240	9415207	7909226	4763262	5587003	6274131
1533024	1931152	2087928	2568987	2249771	1724864	1480730	1562825
3024216	2858724	2798031	3157471	2761343	1898208	2264218	2115264
16965839	19865001	17929325	21898869	18889197	16807317	23903100	23938772
448646	399636.9	245729.7	202212.5	218794.9	235676.9	282791.9	355470.2
1158433	1112643	366276.7	4327500	305081.4	291551.7	279151.1	328070.6
14301712	14817839	19719283	21108244	17596197	15369516	17222507	16950297
34009422	33303354	68695545	69009249	58258059	34647030	31861169	38188571
570833.8	2402532	2383557	274362.2	212963.8	449566.7	6491614	6499650
346242.1	457566.7	1447745	1832165	1317795	1298007	1162247	1230555
2144092	2206533	7013929	7506923	6715859	4953059	5538333	5568997
76051.91	75755.59	149409.1	150814.5	148452	265058.9	191450.5	134503.1
575440.7	821518.8	1038458	987874.9	962895.7	874117.3	952230.3	960443.3
2179984	2551777	696200.8	763837.2	649883.9	465779.8	493862	492102.4
448058.7	646957.7	183180	309020.3	133829.3	187732.6	210783.7	197750.3
42792119	53975331	13436838	11469597	12514043	6102529	4978351	4264991
5796410	5720156	4172607	4251129	3661593	4423204	4353369	4271302
2923659	3518962	2391625	2104466	2126646	1696980	1640637	2276081
104460.8	101630.7	37579.29	37088.73	31755.22	62960.62	55498.97	58464.77
37277393	38108463	45342058	41531535	45720815	39465530	34228292	41558408
14982162	14537823	19820624	18065825	18522097	10119356	11738027	12071777
88254041	91600459	1.55E+08	1.58E+08	1.32E+08	82674353	94445754	90170820
175125	129191	495202.4	486231.8	428376.7	511353.6	517576.6	546269.4
6923757	6007284	1.15E+08	1.29E+08	98410657	59393415	58343810	66174157
110807	97798.66	213038.8	212008.8	199622.5	101785.9	119511.8	100129.8
16801875	16840000	11689885	12278450	9250727	18080323	16591123	16220556
237102.2	308638.7	502412.4	546968.7	543305.6	297560.1	236759.3	325057.5
1899383	1803021	1391430	1448972	1465669	1223594	1212489	1515057
2891963	2846704	1795944	2009162	1668209	2115965	2063662	1805706
8667054	8244926	7704391	8976956	9890057	10279425	7439819	9285663
4068101	4008354	1932825	1912422	1789203	1017769	1432583	1454984
39419.04	23808.83	35632.3	27330.88	34076.88	42454.17	47314.26	41315.23
1.43E+08	1.45E+08	1.17E+08	1.25E+08	1.38E+08	87077851	97590268	89675345
1.95E+08	1.62E+08	1.28E+08	1.45E+08	1.56E+08	1.1E+08	1.21E+08	98180039
13960946	11902008	9225636	9240950	9971248	5666052	8315154	6299783
665010.1	655065.6	543075.4	486195.4	452933	201488.1	280130.3	239096.7
13005506	10789681	7212616	8607038	8716852	5876862	5917705	4285264
2369875	2480677	2562606	2443775	2147871	3075652	3845145	3887591
38320607	38374669	30381455	28150072	28016005	11368809	11196594	11620877
45895100	43744377	33978046	30123970	28115929	12450930	12852290	13336525
2610372	3085812	4603212	4397639	3704350	4919080	5248395	5396645
4511962	4403172	7181742	7883724	6761887	4277452	4546825	4810241
19943.83	19776.1	215836.3	214270.3	21725.92	44932.15	46039.4	444249
15790625	17461761	12923423	12457002	15424958	17117981	17224934	17091811
125084.8	122176.5	103953.4	106689	110708.2	129458.1	127464.9	122600.3
49338.31	43891.97	40379.86	81034.45	84725.22	20775.49	12745.68	35859.32
77226.77	84219.88	80664.85	86902.58	74447.69	68860.29	80389.53	79335.19
67276.25	74642.34	79028.99	105112.2	83837.28	76138.54	84621.85	78285.42
431466.5	406326.6	466195.7	426305.8	411152.8	403772	505881.1	501001
1736362	1810315	2911403	2909902	2571077	1758081	2212413	2166351
2245244	2374818	3715492	3819199	3434546	2479797	3067419	3010810
254630.5	211236.6	181095.7	164693.8	249967.4	267797.1	295753.3	297202.1
1703486	1879764	1275242	1223011	1204668	1374596	1549291	1706648

987930.2	867032.3	840968.3	613798.1	746987.4	1070403	1114296	1182507
98991.9	112401	96492.23	111584.4	98172.72	36431.06	414302.8	51943.37
247968.8	370713.6	381654.6	465610.6	372875.6	300622.5	433579.9	418502
424526.3	311966.3	129361	130028.3	171114	117541.9	165118.9	130525.4
29402.88	28933.39	29141.15	94675.9	70088.87	143217.5	134269.3	192956.8
9244.3	4890.32	6815.611	3417.51	4059.672	2138.58	16874.51	6149.194
1188179	1178932	891920.1	1138635	1232612	1244058	1452076	1498761
19031.02	14751.71	21897.26	22111.95	21347.96	22944.37	33468.82	29510.2
27893.7	102981.3	43159.69	39853.96	34478.56	31745.56	26153.07	26235.79
180897.9	178189.4	82388.07	89756.81	98807.81	59882.11	53006.09	43818.99
1757487	1751007	2328984	2507954	2051732	1737485	2105169	1943146
486457.6	488890.8	316451.1	322815.1	305931.4	1182636	1379035	1466193
40778.87	70036.07	24795.37	23928.71	24485.55	29233.09	22102.38	23067.53
705026.5	605274.3	503261.4	525147.4	520423.7	777721.4	697636.4	660168.2
635144.8	627176.5	596777.4	655466	628682.3	908061.5	846238.3	739023
227008.7	28548.65	441366	44380.66	43559.5	242982.9	193577.1	190281.6
2597131	2017169	1572747	1954929	2269204	1348624	1409217	1791096
721772.1	599635	2236011	430473.6	415731.1	1668911	1972334	2018379
633451.9	688653.1	5235490	524900.2	523810.8	524310.8	566576.8	540875.6
30808.52	27069.91	27125.94	27688.18	25102.95	17335.66	18798.47	19725.82
57571.42	79058.65	5590080	51965.69	66250.74	341845.6	415299.5	305124
67369.54	77884.64	103042.6	87682.6	69843.68	71050.79	1038816	73007.54
1803630	2041976	1964256	2171084	1603425	1051968	1099442	1025315
176062.4	185045.7	415974.2	410931.8	388818.9	283914.9	332935.7	317429.3
530788.8	224865.6	1358920	1053550	1048599	913106.1	516893.9	856268.2
16132.14	110055.6	45001.79	5262.545	44144.38	38050.89	39401.71	26691.46
352009.7	340472.9	248714.7	212093.3	234068.1	317703.1	241104.4	264611.5
113088.4	121810.2	51600.37	70893.96	55272.45	42052.5	47937.73	48203.85
2001249	1773791	2885660	3385257	3083427	1797379	2428678	2128263
94756246	93933053	94030308	99121304	95153137	89118619	85555329	84772923
933933.4	978394.6	156187.4	398100.6	194760.5	522332.8	552913.7	587677.4
21379397	21064710	20738268	21340279	22263230	21594257	23706475	23823908
25192.72	9383.649	264943.4	316404.9	107470.5	63961.38	10581.24	157456.4
531366.4	67832.09	439410.6	366287	322900.6	517016.1	673142.1	607573.8
11806796	10858104	10445818	12689148	8154236	6897360	6796397	7305477
242091.2	222475.6	104207.3	103749.6	101003.9	188205.7	166716.4	146420.9
88637.61	131366.2	130619.2	133152.7	154803.5	276212.9	254974.7	289138.7
124046.9	131267.7	154115.7	200583.7	166748.4	142017.8	194721.2	211470.9
1217944	727211.3	1236256	1539759	973722.5	434156.8	550210.2	1347046
162456.9	259698.9	343628.8	240059.5	376152.1	470459.4	435055.6	527088
7036.633	6349	4266.121	31314.76	5656.924	8616.165	9168.301	15727.9
94108.27	132632.4	143072.1	132272.4	89144.41	83701.1	140064.2	116461.1
179965.4	160316.9	462330	407892.6	292461.5	311346.8	329478.9	289044
242354.5	340760.5	169794.7	134188.5	220195.6	176902.1	325495.4	283897.4
1000094	1116864	5033600	4950962	6531245	3109090	4551991	4669942
491016.7	403097.5	599143.7	739007.3	460173	678835.4	567469.6	627066.6
1925566	2203603	1232213	1141805	1067364	1159923	1123997	1210467
154568.1	128667	155355.4	123252.8	141880	216638.3	182769.9	242495
594502.3	496748.8	457103.7	761797.8	567235.7	420588.5	452634	566210.6
5978960	6359461	5834798	5017840	5001603	5553773	5329014	5558349
267374.3	163494.7	21842.15	39887.63	26277.93	22895.37	10935.34	54258.68
294439.1	294863.8	137348.8	20449.96	121757.1	154239.3	24192.27	197219.3
277075.8	304328.4	226253.2	255739.6	228761.7	329010.2	361022.9	281280.8

360020.8	358128.3	335902.3	279586.1	286490.9	353820.3	436679.5	271221.6
335636.7	479518.5	957455.5	1062359	931310	657615.3	717652.2	693971.7
315655.6	140054.7	150066.2	112768.8	67802.94	177167.4	468244.4	139833.6
148744.2	155316.8	240903.7	205555.5	229056	285493.5	360029	392396.2
284752.2	373390.6	286548.3	345834.7	225465.8	140476.1	262966	215714.4
8697282	8522891	12548716	13272083	10973479	6406671	6609364	6622652
28434.9	86360.55	118045.6	2091295	122666.7	57916.2	4530982	63900.8
62827.28	70517.4	40054.21	37119.03	35856.3	120279.8	133890.7	112863.8
514100.4	529954.1	478801.9	698273	576947.9	454980.2	562488.8	465499.2
882178.8	625263.9	3387206	3381764	3353724	2127863	3144316	2900337
585555.1	362824.6	467617.2	343042.8	702400.7	450910.5	382440.3	349735.7
27110.63	93499.25	63970.78	49199.53	33859.6	60310.14	42566.35	20031.16
1397527	703675.8	1331964	208439.2	1360507	1468216	182725.1	485728.9
14215675	12816447	15385894	18050994	15781400	14757551	16683161	17106596
21610.84	18851.21	19411.77	14835.85	99149.21	30838.43	14139.37	30211.39
53207.72	88921.57	10519.06	19873.32	15853.66	22519.72	46752.68	38115.69
6722.195	4717.353	2844.043	2798.941	2097.147	1264.18	7429.984	6137.951
374327.6	376660.3	464470.7	102878.6	401640.7	443861.3	559017.8	533267.4
155600.3	165405.8	102499.6	85080.9	120076.8	169059.9	436713.8	433607.2
18902.5	23863.03	6438.997	7259.197	46996.7	47982.41	26815.35	113902.8
914431.6	934977.6	817830.3	761675.1	795801.8	845933.9	1020405	1025511
78239.15	94437.05	185172.8	183894.1	172799.9	182547.9	170762.4	204964.3
4995879	5428329	5100319	5290774	5035988	7989820	8263942	8718281
1023232	1089477	928705.6	1030930	972423	1862052	2263106	2342711
54307797	55704964	1.08E+08	1.03E+08	1.1E+08	1.19E+08	1.1E+08	1.05E+08
55439232	57093693	95722955	94986115	1.1E+08	1.12E+08	1.02E+08	93679163
1831881	1952466	7426790	8062459	7706668	10260874	9814486	10698622
1971394	1832832	7870040	7913061	6647088	9398400	10626181	10665102
45473.48	24661.34	22838.93	20268.66	26665.74	13741.72	18798.76	50680.62
114940.7	250751.9	73183.48	119829.5	93590.16	59892.09	54879.77	53108.87
4949906	4351993	4747773	4188470	4206628	2087938	2213300	2626783
229107.6	259073.9	429267	463396.7	256409.9	383203	593567.5	519227.3
35272367	41845987	48009992	41990737	38728713	33065477	39517667	37161752
781351.6	880895.9	674469.5	733481.3	585375.7	1217814	1107505	1130432
1.16E+08	1.2E+08	10154185	7677299	8647740	73091991	81195738	1.04E+08
24689.42	60329.11	1927.182	16213.94	5733.5	28672.07	115526.7	68782.96
105186.4	139491.7	546138.2	552026.5	524442.6	107255.3	98481.89	74852.32
293128	301983.2	990672.5	1047027	818337.6	211100.2	200453.4	235945.5
963196.2	1122273	3654355	3439680	2896865	833363.1	886006.7	964825.2
1.29E+08	1.28E+08	1.26E+08	1.33E+08	1.33E+08	1.28E+08	1.41E+08	1.41E+08
220140.2	312485.1	636002.8	745567.8	638931.7	153593.6	150011.6	157531.9
49579.78	65831.13	17241.01	21029.69	10582.22	38164.78	34768.6	25528.57
55492.95	76596.02	112154.5	112875.1	160345.6	42678.19	50545.78	49991.11
10292.55	10121.87	14875.9	14560.31	14710.05	10222.84	13767.83	12253.94
187393.4	191729.7	516678.1	580076.9	462463.6	256111.1	270541.6	251316.6
43252.17	43104.42	827344.8	1105286	892121.7	55774.93	61157.05	60429.53
848869.9	893665.2	14468747	15737862	14511235	977102.8	1119623	1056902
1692707	1724421	5715844	5028489	5631822	2185941	2283934	2421752
1208139	1144099	3277810	3248931	2851133	1249733	1489891	1267839
35745.37	40629.61	549404.7	619697.5	633527	50146.2	47244.43	54062.6
44952.97	39330.54	83959.33	108834.4	82772.62	69725.71	77282.17	69728.25
19103.97	19836.23	25086.55	30269.33	30781.67	25945.54	38860.41	33308.5
251423.9	289279.3	679900.9	778179.8	774694.3	198759.4	221231.6	249918.1

47705.39	46623.71	122273.3	121448.7	133818.6	89109.18	108381	96223.28
5940.243	41167.25	63158.99	6832.976	634633.4	52764.28	52247.83	53703.35
141511.3	121741	10898.54	10980.59	11783.1	14454.14	14348.89	15104.21
44794.06	43134.07	43190.06	36198.01	46676.75	54618.85	61954.95	63256.73
739937.7	798433.8	667449.3	701698	716502.3	1082867	1132408	1128648
105334.1	85341.11	172982.2	192263.5	183394.9	73854.12	98281.04	94213.66
59931.95	72522.14	175589.7	164747.9	153452.5	72235.4	84016.45	82798.68
500615.1	572908.8	1881467	2051631	2006312	949606.4	1111937	1043478
515771.2	688664.8	773244.7	782158.6	697119.5	493036.2	548127.8	535797.5
1610258	1711843	3050776	3514658	2802401	1288260	1549005	1643737
1664751	1674510	3023812	3384579	2685891	1353490	1539509	1526729
25616.1	24905.69	29163.5	27559.77	264875.2	63637.47	56129.16	61396.48
25137108	26726567	38155541	38478598	30702637	18201926	22712002	22408127
744396	857815.8	2004636	2264939	1958188	901895.5	1073536	1131836
6996451	7641342	8751876	9455771	7483630	7573640	7197007	7126245
819108.5	878218.1	988554.7	1143934	915488.5	683543	864059.5	754071.1
325141.8	335190.4	330033.2	333873.3	310291.2	286168.4	324906.8	363582
542334.3	522062.6	817910.4	861592	789036.7	524423.2	618525.4	580830.1
375541.4	366621.9	397053	464273.4	367815.6	479531.9	511188.6	482257.8
164843.2	168971.4	210200	215774.9	205350.2	105970.4	138800.3	122054.8
126846.5	160960.2	244359.8	287148.6	215061.9	101991.2	100417.6	139898.7
338047.4	318517.4	361705.4	375458.6	304232.8	320449.1	3052001	415107
332240.3	336757.3	367485.2	397852.9	340788.2	382639.9	380909.2	351284.6
249117.3	260230.2	221434	244147.7	267737.6	218622.5	284618.6	26822.82
158825.1	165719.5	1383388	1096926	1269012	324252.3	338754.5	273776.8
53634.43	49262.13	168650.3	168909.4	180015	52730.11	59917.29	54476.23
66779.51	78493.4	205236	197685.7	183541.5	52317.09	51200.83	48018.95
185539.6	194130.6	308317	357744	274768.2	169363.3	149645.1	174513.5

H-B-1	H-B-2	H-B-3	H-L-1	H-L-2	H-L-3
22673803	20234038	18348381	23104618	18530246	21417940
912129	553547.8	261125.7	159169.8	623777.2	229968.1
18244.58	13626.22	18009.44	7198.502	23865.42	50589.92
19946.95	10930.17	31737.86	84352.03	88252.29	11649.61
8948.707	18321.83	12304.02	4208.698	9256.781	15438.85
65698.86	76222.76	77902.06	38491.74	67177.8	47200.56
3957278	1854292	1782155	682934	155728	50746.41
694740.3	249740.6	318445.2	83297	134857.4	18772.06
28669.34	63796.76	20629.83	27753.7	29548.49	32885.27
36516.56	49189.53	37207.32	79302.94	79620.16	59614.22
24437912	21904776	20386518	19470887	20481675	18363048
25977128	21629334	21133966	20167627	20112694	18498324
24679373	20972334	21059489	19895745	19946572	18617421
19317875	18606192	17979898	20427255	19957273	19254791
48147.58	85846.83	57225.04	41781.32	7910.363	9206.573
77283.25	15132.23	234323.8	24291.13	37284.28	41263.12
9324.411	84287.87	34094.42	6968.145	8852.633	9587.13
155669.8	163467.6	238114.8	284024.2	262393	334892.3
5575338	559674.3	6286858	4378919	5358321	627198.6
163817.3	115588.8	88540.88	300805	79973.12	107665.9
261510.6	83425.5	209786.6	53021.13	280749.8	298759.7
4050.8	1359.811	2181.14	5000.334	2575.916	2579.473
77566.37	48159.06	71835.59	66899.55	55123.1	73385.26
2335093	307918.3	144121.8	2203216	2249737	1974386
2410063	2320067	1938137	2823754	2114732	1773995
8.9E+08	8.74E+08	8.77E+08	8.92E+08	8.97E+08	9.05E+08
8.74E+08	8.77E+08	8.84E+08	8.64E+08	9.05E+08	8.71E+08
433427.7	382689.6	351030.1	514445.4	476469.9	449129.6
828140.5	844110.2	766490.7	1010593	903498.4	796370.5
118265.2	141598	140522.5	159177.8	128742.2	168858.4
67631.34	87124.56	32542.89	89043.22	114340	930136.2
492527.4	334610.4	255769.9	672145.4	739741.7	225593.9
236996.6	96451.26	190278.5	1247664	503455.1	8845646
212830.7	236287.6	277595.3	184763.3	167713	320886.6
2016581	2101086	1641622	2865121	3033598	2469057
9.02E+08	8.99E+08	8.91E+08	8.82E+08	8.59E+08	8.97E+08
8.79E+08	8.6E+08	8.55E+08	8.44E+08	8.42E+08	8.08E+08
40612.67	18791.89	29650.94	43047.22	54896.26	32031.74
7965.564	4913.737	4781.482	10198.48	9682.828	2835.571
4953633	4061280	4278621	5000297	6247977	5145708
3509001	3939051	3568176	3699676	3377971	3627877
2447657	1964306	1882653	6495937	7128037	6161097
102621.4	103670.3	123484.8	44353.95	10433.38	3535.177
5046908	4759035	5001202	1771733	4518397	1737691
5659.962	22824.78	13325.08	9159.038	4989.572	2011.672
1359521	1232482	1373125	3539594	2953394	1999265
37400.72	34242.42	28790.16	27885.4	20534.23	26069.9
11689.57	6888.321	6029.877	23299.98	22107.87	12651.47
435265.2	506779.8	625372.6	2564641	2861332	14874338
2899180	3722481	2246686	13200817	17877692	11065922
40670.99	36753.47	35923.09	29909.51	32259.24	25736.96
218905.8	208384.8	170332	234916.4	209745.6	172048.7

120646.3	57118.51	93370.76	95785.87	145447.1	131203.4
14932.49	14838.12	20031.77	7162.945	14806.12	56111.06
28460.61	52609.3	27151.45	13299.98	19658.35	26239.8
161926	212713.2	161120.3	259191.2	296765.6	184231.8
394115.8	281253.3	343838.8	1859822	1780945	1098547
5605.825	9264.495	8390.717	38700.72	61531	12826.21
15355222	16396995	15494959	22582710	21524238	20064463
12505367	10208081	10414756	11866528	12723537	11950669
41107844	32867461	30913945	31037726	29412056	29260421
20084531	18323861	18790634	26635145	28197336	27117101
21030862	19717823	20469811	1.21E+08	1.24E+08	1.05E+08
18564294	17378327	16872199	24448794	24072672	22806265
14962629	12569212	13320335	15244061	14766579	13331443
22919966	16126459	14349519	1.15E+08	1.14E+08	1.06E+08
30253308	26031413	25203645	94156322	94065693	79329350
4313692	3999649	3853010	8352244	9421543	8906053
17880488	16781230	15311045	11138406	10356447	10601476
7.33E+08	7.18E+08	7.29E+08	5.97E+08	5.98E+08	6.02E+08
9641.649	26492.51	17276.3	19964	29132.7	15191.97
5.27E+08	4.91E+08	5.07E+08	4.83E+08	4.91E+08	3.61E+08
1.65E+08	1.31E+08	1.44E+08	2.07E+08	2E+08	1.82E+08
5.19E+08	4.19E+08	4.92E+08	5.03E+08	4.32E+08	4.49E+08
1.84E+08	1.65E+08	1.38E+08	2.11E+08	2.14E+08	1.9E+08
950930.5	1072831	1761600	14907660	16275005	15522889
1955002	1644607	1341043	15206416	16381759	16142781
1.16E+09	1.16E+09	1.17E+09	1.14E+09	1.15E+09	1.14E+09
53839.99	82286.28	72940.22	35871.18	14964.41	41390.98
25140.24	3447077	4093787	75243.35	18949.99	26128.96
2181705	1123197	936650.1	7343849	4936762	5116863
290575.2	322509.9	334991.9	979792.5	1110030	958980
40865.1	46878.29	45021.31	602281.3	119080.4	74371.84
189604	274686.5	130855.1	692298.8	866937.6	711541.3
17877180	16103747	15489504	24013020	25951746	21952698
8.45E+08	7.72E+08	8.24E+08	1.57E+09	1.49E+09	1.5E+09
8.69E+08	8.27E+08	8.05E+08	1.51E+09	9.89E+08	9.28E+08
3464630	3560986	3805461	3688538	3887405	3955810
82067652	76892796	71171523	1.59E+08	1.27E+08	1.31E+08
53116.15	49159.06	38737.6	82618.01	106742.6	85070.01
103614.7	95680.36	92239.71	191875.3	167634.4	186058.2
44880.74	62731.54	88301.4	523637.5	519373.1	516368.4
9302177	8461343	8062043	25014097	25111223	25370085
14479759	12654780	12381677	12507158	12341644	11190126
936043	912368.7	1003728	863209.3	895844.5	887486.7
7796513	7459152	7334287	5278561	5747797	5228906
16533399	14704398	14071056	15485463	11724541	13988526
14395103	11826139	12023177	31508804	30125297	29077923
613972.7	677450.6	601215.9	1318923	1529280	1375441
2.04E+08	1.8E+08	1.86E+08	4.09E+08	4.18E+08	3.67E+08
17479.64	19136.79	15466.62	1584469	1543443	1687637
48228.53	390133.7	35670.92	952186.5	765903.8	794585.4
22265662	19544313	19189988	36692855	39347997	37735540
26405.7	24193.06	23634.06	908646.3	723887.3	748568.5
15894992	14514977	16240176	42661736	42762380	40517559

62480.15	131144.5	44700.36	127031.9	171383.3	90114.58
461147.6	474987.4	480736.6	414244.3	386916.2	409377.3
505022	379047.9	456933.9	1732481	2033147	1607250
37149.04	24210.78	25584.92	33723.13	26073.99	26877.64
7951360	7824552	8111333	5017137	5438155	4985554
75369.69	63374.61	50413.79	82564.38	116620.8	102276.4
4560040	4102389	4180553	5039491	5337891	4908679
282868.4	272739.8	268447.8	1071420	1097086	940173.9
11957976	9556306	9803971	48853974	48701730	50734789
12775224	13901851	11372778	36665067	36335799	37197700
27471358	26244034	22564252	48730840	51099217	48726424
495583	535074.6	418773.4	1801851	1935393	1765799
1416515	1123100	1071205	1794040	1910562	1633645
21127518	22328121	27541190	13028120	985275.7	1092869
6421069	5686181	8377413	5077265	5968335	4672698
1.37E+08	1.21E+08	1.1E+08	4.63E+08	5.18E+08	4.92E+08
2.96E+08	2.77E+08	2.64E+08	2.01E+08	2.35E+08	1.84E+08
1.63E+08	1.29E+08	1.56E+08	78461266	86643158	69845712
1.53E+08	1.36E+08	1.26E+08	80419264	79508270	77403264
37702.02	321647.7	20837.19	1501344	1763948	1448515
7565411	6167777	5489791	7790286	6854871	7100387
277420.8	242573.5	235712.3	569521.9	513961.1	561292.1
4898908	4218078	4300078	4239751	3407142	3198447
3895671	4361705	3993406	4710654	5126297	4154688
2.54E+08	2.38E+08	2.27E+08	1.5E+08	1.59E+08	1.51E+08
28923171	30603578	27262192	22173310	22630400	23567291
43216.97	52499.64	50689.7	38774.74	21910.82	301656.8
525697.8	479325.7	476638.3	2390833	2344042	2078061
9.74E+08	8.77E+08	8.62E+08	8.09E+08	7.6E+08	8.27E+08
9.29E+08	8.94E+08	8.63E+08	8.14E+08	8.15E+08	8.1E+08
10924577	11157571	9746623	47779075	41434576	36777669
15691480	15368588	13289107	15784716	16198369	15502624
2.09E+08	2.08E+08	1.96E+08	1.73E+08	1.57E+08	1.51E+08
695622	525127.5	523353.4	389093.5	403493.9	373256
2244071	2038696	2113532	14632824	17569994	16363062
70721.03	76958	92419.8	64530.68	51945.97	41452.24
6714076	7082173	6283280	52607278	50919409	54186717
8.02E+08	7.76E+08	7.33E+08	8.09E+08	7.98E+08	7.65E+08
8.45E+08	8.16E+08	7.29E+08	8.1E+08	8.16E+08	8.21E+08
8.01E+08	8.01E+08	7.42E+08	8.33E+08	8.16E+08	8.43E+08
917898.2	774648	792593.5	1643569	1500817	1347034
3335948	2664609	2656635	6849455	6499278	5879827
2.3E+08	2.26E+08	2.05E+08	1.93E+08	1.96E+08	1.76E+08
13174792	11656394	10222459	25313981	30591455	28837098
8.18E+08	7.73E+08	6.89E+08	7.76E+08	7.75E+08	7.89E+08
18431.94	23112.07	13555.86	36149.26	34380.18	15816.45
6773046	5641935	5504288	22042652	26218541	27669094
232846.5	127492.2	127604.7	640140.8	594962.4	438354.5
70329705	75236709	66592677	97203366	1.16E+08	97016756
114377.3	87236.83	93199.95	129239	136027.4	111232.8
4430974	3737630	4811918	10895549	11932746	11492413
4341987	4092240	4293862	8528562	8531746	8897599
43101	16471.07	27548.92	16898.11	43863.66	118221.1

3334636	3081256	3185791	6130318	6346403	6286540
26401.04	28437.36	25773.31	166695.3	136392.2	150384.7
79153.3	75073.46	76627.45	162466.2	155509.3	158896.3
99162.12	80239.05	83735.39	312099.6	274082.5	295257.8
40459.32	59151.85	44474.72	100662.7	148493.5	103315.7
5511669	4283752	4403416	8761128	9647334	8158899
96375.82	113327.4	70071.25	211831.2	189192.4	161611.7
95493.47	76752.94	89227.21	178876.8	168971.6	171555.4
35103.94	36630.1	24326.84	11026.88	18630.91	18569.92
63076.53	65264.21	65846.76	95603.82	100798.1	121053.3
50549.7	39573.19	22908.28	17432.51	5297.5	26665.81
659266.4	670633.7	655563.3	303642.5	371314.9	418853
1578038	1637964	1888126	1118416	1282614	1195803
253032.9	205996.1	228200.3	186457.1	183399.6	128732
176927	188403.9	168365.5	762142.7	718520	919135.6
37960.44	27830.43	25070.6	291235.7	265711.4	262033.2
45058.28	50522.69	55036.45	50580.71	51368.71	49872.56
146488.7	154622	1289033	1201762	1344288	1322279
13492401	9754759	10886556	6768669	7771398	6638027
15053851	10710269	17390269	11406317	11702128	11808257
7083339	6320299	6216172	8877642	7301782	6230345
97514.44	88938.1	100183.5	203371.6	29222.97	30035.25
179025.1	161184.1	179392	188426.9	99376.24	104133.3
122050.6	119205.8	10893.67	91459.87	92447.38	109463.8
85903.28	108250.8	89851.7	41930.93	414253.6	57514.73
65782.95	69269.6	59490.54	193874.2	179570.3	157715.4
11128.51	14213.33	17224.44	47914.82	42385.41	41389.73
1523945	1165651	1363457	2374146	2514252	2588728
205831.8	190575.9	233715.7	210291.6	139132.3	22111.9
11489.2	11305.73	10787.8	45222.59	45846.28	40224.33
24171.23	29163.22	18187.96	86506.92	94363.41	105356.2
62486.96	66851.83	61083.35	21787.13	25209.94	25008.92
56016.82	35338.7	119586.5	18864.12	192998.1	166455.2
14452.46	14048.55	16811.86	12039.86	12732.98	16464.02
14332.5	13982.87	15004.1	15221.35	14770.76	16738.79
44532.82	43915.23	42916.22	41609.98	46430.51	45526.41
31962.33	31417.22	31524.98	32641.01	32390.39	32432.6
27089.17	13586.22	51025.88	16884.6	1296.728	1412.582
194232.1	172970.9	184030.9	138081.7	137230.5	126132.3
13413.62	14952.9	16460.5	14488.63	16755.18	14204.37
17592.61	16852.77	17299.04	14346.19	13937.93	14878.54
139876	144821.1	128699	123766.8	103860.1	110750
2.61E+08	2.46E+08	2.38E+08	2.22E+08	2.24E+08	2.08E+08
3562774	3521445	3419449	4059254	4148711	3882633
105723.9	16907.06	18531.82	120970.9	13805.35	14380.67
75799.59	73812.11	60648.9	1547904	1134455	758030.7
82544.08	104025.5	65929.22	99142.45	93449.69	121618.4
1026001	1174957	944272.5	1217547	1073411	1080400
7.81E+08	7.35E+08	7.39E+08	6.11E+08	6.15E+08	6.11E+08
11504373	11172381	11693660	5623605	5379007	5643713
22137.82	25839.25	23818.9	15226.4	14923.61	1611.76
14280.9	13041.14	11023.14	25349.31	21866.42	22405.79
304989.1	304015.4	333607.6	302793.7	350313.7	319904
16296.52	17774.81	16510.83	18329.5	17956.03	19033.64

65216.62	68305.82	75666.6	91610.37	96058.19	99165.6
68117046	65430942	67414158	69375898	60655899	64510742
10629.69	9626.515	36024.51	21931.59	5389.327	10059.05
682555.8	649256.1	663617.4	942557.3	817199.9	837610.8
510086.3	585857.7	485884.9	485840.7	486678.1	598106.3
31727.38	26694.75	26929.15	44782.55	41649.07	50296.97
453128.6	438422.3	344546.6	1691596	1752458	1501544
1006331	1065249	934132.6	4747808	4758655	3961602
2526038	2121626	2120377	3683478	3982684	3293474
7144047	7994846	7346854	13099140	13100286	12640214
10076.88	10945.11	13105.77	30563.42	29008.03	21890.98
2374273	1982665	2010872	3073923	3526783	3071980
204900	183109.7	219676.3	267372.3	284839.5	291308.6
1.91E+08	1.78E+08	1.59E+08	2.64E+08	2.65E+08	2.5E+08
31071.59	28049.73	36351.13	61681.99	54654.1	62159.23
1136230	1180202	1117800	1817176	1802105	1800787
33699.4	37111.42	37998.47	14232.77	11764.9	34660.74
4301388	4520208	4459002	6178431	6467901	6041735
23149.82	25931.18	26971.2	23602.47	25473.06	24068.82
38735.85	37798.44	37858.83	58947.84	57715.71	52195.69
10690.79	14567.56	14724.86	15387.12	17935.16	15776.79
52936.96	38050.49	33683.57	38356.83	35370.99	39492
1372469	1549181	1447808	1890984	1897554	1729228
72654.48	72950.55	82265.95	105587.3	89712.9	104511.1
40755.75	42776.91	44487.49	38722.9	32263.59	44433.68
25595.83	29783.37	22773.39	26091.89	21156.64	24994.93
12198.95	16106.36	13845.45	11686.01	14775	17471.33
10720783	8545506	9447287	7681795	8069417	7530106
2526740	2339604	2380074	1975761	2021872	2202100
24868.06	28987.71	24985.5	15261.64	11776.95	13835.35
13521.3	15767.25	15497.26	38696.61	30986.22	36356.04
21946513	19935698	19479798	18190674	18625971	16677987
1541105	1401104	1339378	570357.3	681938.5	507381.7
46447.71	54993.07	39162.71	48195.71	47057.25	49283.11
81253.43	68196.02	77723.32	57365.13	44249.59	51742.9
106091.7	89256.98	112070.5	88942.22	108620.6	86884.24
83126.72	99122.91	80360.05	13408.35	10125.47	11441.19
17997.59	12015.9	14432.27	9899.425	10514.21	10699.87
35888.49	39527.02	42233.94	15366.09	177031.2	149145.8
4708341	4698143	4919592	7051444	5812987	6870263
792567.8	7690258	823747.9	1039315	1384522	1556582
653240	627635.7	703345.5	728739.2	697332.9	751719.3
1.24E+08	1.15E+08	1.13E+08	1.07E+08	1.03E+08	95768530
1193145	1098853	1106292	1049958	962360	943080.4
1526295	1451390	1498602	1852522	1861082	1804497
17074790	16151635	16974960	11190251	11176595	10655389
3527111	3123458	3436517	2843294	2652273	2602560
3602063	3208127	3258687	2890362	2846208	2609806
581364.9	497994.6	563918.3	488080	452253.1	460692.3
1.7E+08	1.53E+08	1.52E+08	1.08E+08	1.09E+08	99560645
4435836	4320224	3953400	3121670	3115219	2600963
4773030	4046418	4198491	3034788	3017118	2735027
414754.9	377458.8	365696.2	256149.3	288935.9	277230.7

151788.9	132529.2	154949.2	97793.39	64345.21	118540.9
2397345	2469966	2746914	2791035	2747649	2861723
293127.4	26107.09	20909.7	56005.21	69472.17	51070.75
29491594	32276563	32391441	16500457	15630918	15733300
33147222	34601615	35086378	17289991	16860854	17421326
35555468	35854048	37366235	48019616	46671248	48168240
1168679	1104468	1198568	581212.2	561158.7	563681.2
2052054	2166772	2176951	1748553	1496457	1344874
1748622	1527104	1698799	1543428	1641319	1607138
708372.5	743217.2	775916.6	868534.1	769509.1	799156.2
13158.29	12468.27	14155.16	10121.2	12558.02	15054.38
118972.4	16068.34	15907.73	29331.83	23440.56	28055.82
137661.5	166859.3	204767.8	187765.6	186942.9	153037.9
3529882	3066600	3100510	2937091	2677502	2842467
3664164	3581021	3711206	3140435	2994534	3176419
1525706	1395734	1231574	1143907	1074896	1013426
9.59E+08	9.21E+08	9.09E+08	8.67E+08	8.39E+08	7.96E+08
523746.1	430021.9	410812	251711.1	271940.9	267823.3
3395125	3107779	3045638	2814313	2795028	2685605
112365.5	97818.64	76831.1	144673.1	127472.3	144041.3
285577.6	259822.1	252019.8	272678.2	283972.1	297882.9
7520830	7105935	6211671	7816031	8624634	6523204
425414.3	369715.1	399817.7	167560.7	129060.6	185535.5
1295093	1269774	1341899	1165819	1150380	1104853
118567.9	46837.47	77792.4	133605.9	130629.7	117089.1
124964	101989.7	104904.4	90804.39	63788.11	60736.98
350563.4	222480.8	282021.2	370959.7	469935.6	340863.9
752531.2	713552.6	778908.2	1001214	1025163	861506.5
12353.85	25514.6	36532.56	39520	55508.63	24210.16
453983.8	605451.7	537013.8	641023.3	624703.6	570447.3
1.56E+08	1.44E+08	1.45E+08	91848158	93433629	81443856
237226.6	201171.6	242048.7	234758.5	258282.1	190343.2
214240.6	170321	203127	218339.4	172428.2	127461.3
25071.35	20769.16	34191.89	15176.93	2321.897	22686.44
37236.75	46039.4	44493.07	43943.91	56351	47299.23
55565.77	65201.18	62578.2	87380.36	92206.69	82584.76
181835.1	123142.3	110305.4	148641.6	100743.3	95087.47
56635.73	57251.39	54181.62	54087.06	58895.98	45779.85
7259921	6425360	3796032	3823157	3553354	3384142
217292.1	146846.6	145889.9	193016.8	226369	164513.1
441608.8	397012.7	380983.5	453282.1	478220.1	462519.4
28627.71	30015.27	34963.41	44072.33	43444.42	49309.15
867623.2	776427.3	637803.4	760846.6	789287.9	700968.8
1405304	1070057	1411691	554261	654844.9	449170.9
37190108	32240735	34285451	22807133	23514361	20799327
324259.3	289186.1	288216	237746.4	204283.2	207715.3
8709275	9447801	8065156	9735792	9268685	9845500
192346.1	103169.8	101945	149644.7	156681.8	116745.1
711123	57668.82	76986.12	94876.79	103690.8	81576.99
446592.6	433587.8	387157.4	427871.1	414463.4	410208.2
237480.4	187193.6	279497.6	271629	250355.9	279940.3
791011.1	653908.6	611342.6	816287.8	745742.5	659407.2
10762.2	15371.75	10221.55	18123.36	17489.77	17433.02

9475990	8801358	8973217	6070221	6782235	6180939
1539074	1333561	1100350	1433448	1400689	1242594
3505757	2989132	3183666	2720829	2561273	2392175
24591446	19880125	18449898	32067123	28360778	25910446
229101.3	119958.2	259306.2	336256.5	301570.4	294671
815115.4	611605.3	786187.6	714885.1	709692.7	635158.1
16015431	12833025	13030477	16960075	17081614	14365710
31123220	27404838	27819945	20343034	19898647	16408796
5861573	5799633	7241871	8836086	8335033	7690181
644556.7	627740.4	497789	405268.8	550775.6	424333.5
3112901	2684171	2515174	2823890	2578001	2399627
327835.5	14493.42	7707.698	286684.9	204533.1	96253.14
834721.5	721850.8	675810.3	784194.7	795359.3	660914.9
872049.5	904885.7	834557.9	1011729	973421.9	887983.8
542658.4	324366.3	348006.3	567050	505299.2	394214.4
89451639	83499310	80105794	98884090	84578319	81140179
5523125	4714535	5212945	7614698	7759934	7513118
7422372	5055998	6651272	6636492	6911052	5931102
47034.67	44953.78	39732.85	57046.38	65174.97	59477.29
42799206	38741997	41058107	64028158	64017400	60902700
19149071	17742516	18113366	13113592	14150521	11703262
2.16E+08	1.97E+08	1.93E+08	1.42E+08	1.42E+08	1.29E+08
209371.4	193133.9	211478.8	312111.2	289281.8	233620.2
21995525	18411337	14689356	8867175	8838089	7855455
153496	109694.8	106565.9	137802.1	237948.2	82461.07
10464820	9004705	9087064	20772810	22466655	20188804
504420.2	520440.8	510661.9	518025.9	488660.9	423038.4
1839541	1687100	2118173	1554182	1985131	1436695
2863217	2375075	2304895	2397581	2048150	2149291
10237613	8910979	9120824	10047323	10644839	11133199
2218957	2121244	2250179	1739577	1310640	1593084
98517.04	93248.85	110263.2	81380.97	69885.91	70187.69
2.15E+08	1.7E+08	2.06E+08	1.87E+08	1.95E+08	1.64E+08
2.24E+08	1.99E+08	2.15E+08	1.68E+08	2.04E+08	1.74E+08
17026811	13560065	15907148	13653075	13680240	11968362
461549.7	478770.3	567481.1	611480.8	717631.1	672335.8
17842448	14877491	16463925	10355088	15017356	13729962
4484304	4436378	3887882	5013611	4751382	4797492
24664702	23251554	21959528	15586665	15942133	13690746
25237459	24618633	21051462	14720846	14495578	13365283
3494612	3124053	2857378	3507622	3229789	3047663
8763564	6091457	6376701	6568109	5739912	5457843
366572.8	42116.95	36310.2	141306.8	16589.21	136637.1
12219238	12234557	12993511	13596497	13633276	15181816
126769.6	124686.1	123378.2	129382.1	137625.3	127190.5
57776.3	55265.24	69333.11	47508.2	47875.8	44527.27
79187.58	108292.2	101656.3	90743.71	81563.31	82568.75
36777.78	43870.38	35557.31	13882.67	18747.03	23646.42
513276.7	426858.5	402768.1	630294.1	684451.2	530800.4
3844161	3410374	3439720	2392477	2313669	2119429
5128861	4365473	4177959	3055105	3092365	2580779
217154.5	171291.4	168300.4	233218.3	215915.6	221752.6
1464724	1227614	1136109	1923508	1826730	1695139

962184.8	957680.6	829715.2	1695348	1641220	1435345
134256	147911.7	10062.82	26796.15	32453.21	24058.29
391274.6	338394.1	421646.2	441206.9	408516.5	420766.6
164368	176974.8	139149.7	166096.6	182133.8	196514.5
55070.09	95566.68	53815.94	176627.4	82323.04	157902.3
16179.48	2918.327	5868.13	9361.166	5687.5	4308.171
1377693	1472927	1468624	1467498	1490340	1469476
2717.673	20779.61	24689.78	24433.43	28944.03	39945.43
43770.58	52140.35	504130.6	28428.55	29219.01	48511.31
148619.5	179450.2	153102.5	219557.5	28568.36	18601.53
1885846	1389292	1503752	1861023	1750204	1754549
1221346	866182	806366.4	1476955	1657591	1587005
51823.32	61448.53	51304.48	67963.63	69238.82	57238.53
350242.9	265528.7	221340.3	432166.5	397046.8	384326.5
389813.5	276498.1	289833.4	452091.2	387682.2	385708.9
234644	20588.59	220984.2	237407.3	22255.63	178774.8
2511191	2133269	2256744	1989208	1453888	1652312
6548997	5604490	5586187	6422269	5882795	5618309
395701.5	378877	342833.9	814802.9	799926.4	499205.2
26195.95	28091.48	28434.37	25772.84	29212.44	38227.05
90692.84	151854.6	143807.1	182501.9	86272.02	893615.2
55773.89	70671.88	69723.76	188639.7	156199.5	124925.6
1473137	982978.6	1159523	1402715	1102943	1003935
284945.4	352237.1	267650.1	235128.2	209557.5	178873.7
862147	485493.7	488265.9	780756.1	789306	625876.4
77655.28	74712.26	72018.57	23106.52	20550.04	28380.47
186305.3	164456.4	174184.5	185583.3	163460	188375.8
88377.21	136436	103459	41455.44	54375.02	48298.06
1703045	1799311	1691275	1489271	1381682	1620010
1.04E+08	1.12E+08	1.01E+08	97393175	1.04E+08	1.04E+08
2931881	2511324	2257832	4658530	4702145	4193934
24419613	24433183	24235449	24413030	25358366	24894101
206837.6	104886.8	38730.12	189426.8	219729	204134.6
271156	28054.77	314719.7	331551.5	41363.51	305677.1
12336455	11267573	10138020	8317624	8433681	7159032
127654.6	94801.53	102009.4	133334.5	185343.9	115854.2
163270.1	190998.4	184590.8	260263.4	379129.9	214588.5
279421.6	278348	186851.5	242464.8	234030.4	210657.4
952552.3	1553326	1011511	810818.9	940413.3	879968.7
632487.3	468046.4	683575.9	1106417	1199830	1044857
13728	2843.12	6076.757	14246.15	4312	20099.18
104020.7	69435.83	86364.91	72308.81	82839.3	108070.8
168888.4	146623.2	275684.8	199098.5	331012.7	205229.9
1579557	1575419	1195775	2975544	3783630	2982960
1865424	1809842	1034382	887778.9	871907.5	774271
495040	456408	495296.3	498244.2	411042.9	384691.3
3775971	3054645	2955543	3140846	3206191	2957432
166382.8	130583.3	90363.93	189857.7	113390.1	125860.2
938053.2	533704.4	597229.7	905569.9	827699.3	864605.6
6462184	6317327	5640915	5770949	5943578	6271709
491673.8	194572.9	29438.71	355077.7	368243.5	348927.5
290346.5	21604.15	203975.1	243143.6	349828.9	173522.4
415107.4	358497.7	351405.1	400563.7	396196.3	344423.7

235774.5	251531.8	289461.3	151021.8	146292.1	127497
291984.4	288170.8	334347	243359.3	314285.5	240028.2
38763.05	1777672	223096.2	418742.2	178693.4	65631.19
83136.02	75366.23	62621.91	137073	111624.8	203647.6
462978.3	1215752	811362.9	452715.9	779017.5	411177
6742584	5460122	5541901	3613357	3614698	3065418
149969.8	12836.89	98927.3	145965.9	201922	54890.27
881673.1	801450.6	829619.3	2257552	2323928	2403647
668085.7	681110.7	599341.6	576684.7	518279.8	522378.3
1020267	1130367	987375.5	789259.3	762235.6	338322.9
444316.2	407722.1	431043.1	551515.1	521102.9	482379.3
37361.12	5476.781	37578.94	12015.93	28212.17	19077.09
179276.9	889538.9	123056.3	1372885	104243.7	1219969
42914643	36681906	37225433	45116227	38904265	39631349
134029.4	19087.29	16922.61	9480.889	78102.16	9165.411
11310.64	15524.07	17037.58	36638.66	31990.03	57371.53
15231.3	18674.55	28644.05	21247.99	21594.87	19042.52
205390	248401.6	262401.6	371409.6	375309.2	412968.5
371344.2	367665.7	294078.3	848985.7	829093	689747
52819.5	41680.84	7324.904	62477.28	21265.52	46191.25
1080367	1059493	1240445	990448.8	1138490	1299374
62023.58	145729.7	154946.5	146253.9	120890.3	157487.1
2898272	2505505	2734679	3934331	3886937	3973147
1895643	1559193	4810082	2657959	2826556	2364222
49032398	40134717	41911695	45405018	44589550	45959008
46317084	44069800	40001041	46933473	40486658	44692475
6554257	5962311	5474152	7974477	7991723	7523350
4376725	5910162	5528646	8385963	8534859	7029133
12299.56	18271.47	28364.96	33183.57	36069.79	36154.42
258666.2	227908.6	222056.1	202580.5	253296.7	342443.2
6096245	4776096	5662908	2931796	2911761	2480132
167253.5	165281.5	137786.1	283695.7	338038.5	289626.6
57029362	61449276	56607152	488237	49444769	39002158
1186586	975692.2	1115749	1144790	1315139	1338407
52189029	47046713	40614719	1.85E+08	1.77E+08	1.68E+08
26737.28	8975.212	18410.64	8027.93	33446.32	5854.554
99895.59	98474.42	88373	58627.42	60218.12	55155.31
243055.8	264521.4	169593.1	98308.66	118376.6	126492.4
1750797	1574630	1443552	1678065	1539887	1099147
1.41E+08	1.44E+08	1.47E+08	1.43E+08	1.42E+08	1.45E+08
271890.4	260229.9	183407	194381.8	166635.6	129740.2
14684.75	13687.37	16222.27	12452.83	11086.35	14072.98
65775.61	61133.14	62698.95	53929.43	51198.3	50221.47
11456.25	11053.81	14913.08	13493.08	14256.45	12911.66
215879.3	168287.2	152905.3	325567.2	299001.3	310798.5
57281.99	67250	50720.68	22089.1	29066.52	36389.66
1308680	1252742	1241561	902106.1	847748.2	784248.8
1775941	1668118	1505016	2036947	2902271	1865240
1269545	932456.4	1299136	1396425	1835827	1151132
33024.23	34273.32	35236.61	24446.01	21049.83	21125.48
46833.99	37000.99	44623.48	77400.81	71489.61	84421.42
19377.4	14226.46	10422.28	31131.37	28908.78	26010.53
515880.9	411030.5	609323.4	523431.6	554075.7	556312.6

175405.5	149324.1	100824.2	152513.6	156811	149047
56725.44	54800	52892.57	44956.11	46333.54	481045.2
67956.91	66671.86	66539.6	56192.07	55657.08	58895.42
54028.05	43168.23	44771.89	62360.81	64028.28	53631.89
897437.9	747646.6	941384.8	1005170	1093397	981702.1
77989.92	57259.54	70720.36	118120.5	120093.8	129533
105273.5	137826.4	115059.4	134563.6	143230	116598.2
2117717	1751307	1727878	1485122	1503181	1192101
1483522	1069027	1933307	540899.2	553887.2	546660.3
3098178	3149580	3060656	2936841	3144669	2943679
3523166	3087763	3226496	2871163	3016153	2854323
70094.22	64359.04	82700.2	77444.85	87189.13	70826.28
34668841	38990314	38754383	27646610	26938729	21741303
1653754	1568650	1547102	1634950	1673480	1501109
10254933	9955343	9447967	5624220	5553371	4975485
1460945	1116312	1175926	662686	650180.3	630837.6
482906.8	517753.7	491796.6	364661.6	393477.9	330305
1152920	861813	1000908	680049.8	692986.5	669353.5
504660.4	587654.2	563053.4	440591.6	469015.1	472740.2
215458.7	213223.3	198484	407530.4	363528.7	367336.2
73721.75	76891.81	70108.89	72792.16	66342.44	69224.02
706544	766129.9	649722	516500.7	568939.3	529612.7
481606.2	413721.3	442860.1	452017.6	484834.8	446693.2
393815.5	318347.9	364058.4	363557.4	371085.9	324390.6
208815.7	196170.6	204895.3	467200.5	472039.7	432899.4
35207.65	38722.44	35185.92	68747.68	67986.29	84997.35
38904.59	40410.78	35296.67	81114.6	99153	84872.58
119728.8	128703.9	124336.6	116734.8	112489.6	127235.4