

Table S1 Summary statistics of the samples

Info	Sample	Seq_num	Base_num	Mean length	Min length	Max length
LA_LP	R1_1	44977	16974527	377.4046	207	461
LA_LP	R1_2	31860	12018831	377.2389	217	438
LA_LP	R1_3	101076	38112626	377.069	201	528
LA_LP	R1_4	108442	40928810	377.4258	203	433
LA_LP	R1_5	100414	37906017	377.4973	210	420
ZYF_LP	R2_1	94086	35488890	377.1963	212	413
ZYF_LP	R2_2	104344	39353363	377.1502	205	431
ZYF_LP	R2_3	105616	39846324	377.2755	218	485
ZYF_LP	R2_4	113459	42823115	377.4325	200	514
ZYF_LP	R2_5	120816	45542342	376.9562	206	409
MM_LP	R3_1	35852	13499407	376.5315	218	412
MM_LP	R3_2	30644	11563353	377.3448	209	417
MM_LP	R3_3	33952	12776186	376.3014	214	418
MM_LP	R3_4	45186	17009899	376.4418	200	444
MM_LP	R3_5	48936	18411582	376.238	212	419
Alisa_LP	R4_1	48618	18334513	377.1137	220	459
Alisa_LP	R4_2	50324	19005299	377.6588	208	481
Alisa_LP	R4_3	50837	19181805	377.3198	217	419
Alisa_LP	R4_4	42885	16195107	377.6404	206	402
Alisa_LP	R4_5	47830	18056148	377.5068	202	490
LA_MP	R5_1	53359	20105010	376.7876	205	401
LA_MP	R5_2	50781	19152201	377.1529	217	401
LA_MP	R5_3	209883	79116308	376.9543	203	507
LA_MP	R5_4	63462	23936097	377.1721	206	494
LA_MP	R5_5	51980	19590614	376.8875	212	408
ZYF_MP	R6_1	45007	16926221	376.0797	211	438
ZYF_MP	R6_3	47872	17999538	375.993	218	438
ZYF_MP	R6_4	52115	19612318	376.3277	216	409
ZYF_MP	R6_5	59603	22463193	376.8802	206	490
MM_MP	R7_1	62736	23654600	377.0499	211	438
MM_MP	R7_2	68797	25915091	376.6893	224	436
MM_MP	R7_3	68494	25839250	377.2484	215	444
MM_MP	R7_4	49600	18704410	377.105	202	406
MM_MP	R7_5	53734	20266174	377.1574	270	436
Alisa_MP	R8_2	47637	17946868	376.7422	251	410
Alisa_MP	R8_3	72017	27050691	375.6154	216	489
Alisa_MP	R8_4	48514	18289633	376.997	212	430
Alisa_MP	R8_5	44849	16850771	375.7223	218	462
LA_LP	S1_1	53374	20166238	377.8289	208	486
LA_LP	S1_2	59123	22339391	377.846	205	421
LA_LP	S1_3	55835	21099088	377.8828	207	490
LA_LP	S1_4	52426	19807258	377.8136	212	444
LA_LP	S1_5	59102	22319693	377.647	208	422
ZYF_LP	S2_1	53662	20260295	377.5539	203	485
ZYF_LP	S2_2	57389	21670271	377.6032	202	505

ZYF LP	S2 3	48639	18356749	377.408	203	468
ZYF LP	S2 4	48871	18448116	377.486	211	487
ZYF LP	S2 5	56728	21415563	377.5131	202	409
MM LP	S3 1	49691	18757047	377.4737	208	417
MM LP	S3 2	44690	16868608	377.4582	217	421
MM LP	S3 3	93427	35303519	377.8728	204	515
MM LP	S3 4	104747	39575380	377.8187	206	431
MM LP	S3 5	89115	33671395	377.8421	200	480
Alisa LP	S4 1	86049	32519731	377.9211	213	413
Alisa LP	S4 2	77441	29246878	377.6666	200	419
Alisa LP	S4 3	82931	31322995	377.6995	215	489
Alisa LP	S4 4	89563	33816667	377.5741	204	416
Alisa LP	S4 5	86386	32620778	377.6165	200	527
LA MP	S5 1	72196	27268769	377.7047	206	487
LA MP	S5 2	85758	32395045	377.7495	207	486
LA MP	S5 3	91070	34398622	377.7163	206	423
LA MP	S5 4	74316	28058488	377.5565	200	430
LA MP	S5 5	75802	28642248	377.8561	206	489
ZYF MP	S6 1	54556	20608726	377.7536	213	483
ZYF MP	S6 2	89816	33928941	377.7605	208	442
ZYF MP	S6 3	50227	18970225	377.6898	206	442
ZYF MP	S6 4	90659	34247190	377.7583	202	487
ZYF MP	S6 5	79360	29978830	377.7574	213	487
MM MP	S7 1	56364	21275427	377.4648	205	437
MM MP	S7 2	100892	38114421	377.7745	203	492
MM MP	S7 4	114053	43097990	377.8769	212	486
MM MP	S7 5	86871	32823520	377.8421	202	492
Alisa MP	S8 2	40272	15216682	377.8477	208	421
Alisa MP	S8 3	35757	13510290	377.8362	212	479
Alisa MP	S8 4	39054	14752857	377.7553	207	451
Alisa MP	S8 5	42117	15907117	377.6887	216	456
Mock LP	S9 1	37553	14166386	377.2371	200	405
Mock LP	S9 2	39086	14719986	376.6051	267	406
Mock LP	S9 3	47808	18046607	377.4809	203	481
Mock MP	S10 1	44256	16692664	377.1842	222	417
Mock MP	S10 2	39310	14832969	377.3332	208	403
Mock MP	S10 3	41561	15692597	377.5799	215	496
	SUM	5388497	203337938	377.3127	200	528

Note: The first two columns were sample name and the third to seventh columns were relevant information of samples, including sequence number, base number, mean length, minimum and maximum length of all the sequences.