

Supplementary Table S2. shRNA constructs with Olaparib Drug Effect Z scores <-1.96

shRNA clone name	Openbiosystems Plate Name	Openbiosystems Plate Row	Openbiosystems Plate Column	Viral Pool
V2LHS_140912_3	172_0252	F	8	1
V2LHS_141426_2	172_0112	F	6	1
V2LHS_160573_3	172_0263	G	2	2
V2LHS_167542_1	172_0021	G	6	2
V2LHS_173034_4	172_0364	B	8	2
V2LHS_49994_6	172_0588	A	9	5
V2LHS_60389_5	172_0456	H	9	5
V2LHS_83270_1	172_0019	B	3	6
V2LHS_86290_6	172_0560	G	10	6
V2LHS_112551_5	172_0464	C	7	1
V2LHS_151558_2	172_0156	D	1	2
V2LHS_151560_5	172_0462	C	7	2
V2LHS_33273_5	172_0452	B	6	5
V2LHS_136678_4	172_0384	B	6	1
V2LHS_60742_5	172_0402	A	2	5
V2LHS_71111_6	172_0552	G	2	6
V2LHS_71113_3	172_0294	H	3	6
V2LHS_133879_3	172_0219	A	8	1
V2LHS_47912_6	172_0507	E	12	5
V2LHS_39643_4	172_0313	G	9	5
V2LHS_39734_4	172_0384	C	8	5
V2LHS_226803_5	172_0434	C	5	4
V2LHS_22682_6	172_0512	A	7	4
V2LHS_271686_5	172_0432	E	2	4
V2LHS_96236_5	172_0427	C	4	6
V2LHS_224091_6	172_0594	C	6	4
V2LHS_27994_6	172_0575	E	4	5
V2LHS_17840_5	172_0482	E	9	2
V2LHS_58328_5	172_0475	G	9	5
V2LHS_67482_6	172_0574	E	1	6
V2LHS_8150_1	172_0089	B	9	6
V2LHS_236577_1	172_0070	D	3	4
V2LHS_34383_4	172_0386	G	11	5
V2LHS_184487_2	172_0150	E	9	3
V2LHS_20857_4	172_0302	G	10	3
V2LHS_265778_1	172_0084	H	7	4
V2LHS_265782_2	172_0108	B	2	4
V2LHS_239426_3	172_0272	B	2	4
V2LHS_73242_4	172_0383	F	6	6
V2LHS_112373_5	172_0492	E	5	1
V2LHS_151010_5	172_0408	E	5	2
V2LHS_170071_2	172_0178	E	10	2
V2LHS_49746_3	172_0241	F	4	5
V2LHS_37417_1	172_0013	E	9	5

V2LHS_37420_3	172_0207	F	10	5
V2LHS_114878_5	172_0432	D	9	1
V2LHS_114884_4	172_0319	F	7	1
V2LHS_129041_6	172_0577	E	4	1
V2LHS_86704_6	172_0579	D	3	6
V2LHS_285945_2	172_0164	A	4	5
V2LHS_35844_2	172_0135	G	3	5
V2LHS_108088_1	172_0099	H	4	1
V2LHS_252475_3	172_0254	C	7	4
V2LHS_141879_1	172_0062	E	7	1
V2LHS_6070_6	172_0526	E	4	5
V2LHS_209617_3	172_0219	H	12	3
V2LHS_86428_1	172_0015	E	1	6
V2LHS_265736_1	172_0096	A	4	4
V2LHS_55904_5	172_0459	C	8	5
V2LHS_234427_1	172_0029	G	5	4
V2LHS_84128_5	172_0417	A	4	6
V2LHS_238943_1	172_0078	G	1	4
V2LHS_43227_6	172_0550	E	12	5
V2LHS_50196_3	172_0247	G	11	5
V2LHS_96556_1	172_0003	C	3	6
V2LHS_262810_4	172_0330	E	2	4
V2LHS_54034_2	172_0139	G	8	5
V2LHS_134595_1	172_0065	E	4	1
V2LHS_263172_3	172_0239	E	1	4
V2LHS_132038_1	172_0066	D	6	1
V2LHS_89394_2	172_0148	G	3	6
V2LHS_46196_1	172_0009	H	3	5
V2LHS_53322_5	172_0479	C	11	5
V2LHS_154910_5	172_0494	G	8	2
V2LHS_165027_2	172_0155	E	12	2
V2LHS_31837_6	172_0596	D	9	5
V2LHS_68853_3	172_0283	F	8	6
V2LHS_244335_4	172_0354	E	6	4
V2LHS_24443_2	172_0106	D	3	4
V2LHS_142976_3	172_0207	C	1	1
V2LHS_277714_2	172_0188	H	8	4
V2LHS_166475_2	172_0152	G	6	2
V2LHS_250588_5	172_0402	F	7	4
V2LHS_125451_1	172_0085	E	8	1
V2LHS_284779_2	172_0159	A	11	5
V2LHS_239864_5	172_0456	F	4	4
V2LHS_50967_4	172_0359	F	6	5
V2LHS_225663_4	172_0383	A	6	4
V2LHS_84099_2	172_0175	H	4	6
V2LHS_124710_4	172_0332	H	1	1
V2LHS_36750_5	172_0420	C	2	5
V2LHS_36690_2	172_0145	B	11	5
V2LHS_72818_1	172_0015	G	8	6
V2LHS_52675_1	172_0050	A	1	5

V2LHS_89132_6	172_0513	E	9	6
V2LHS_136253_1	172_0076	A	4	1
V2LHS_265926_1	172_0093	C	10	4
V2LHS_284844_2	172_0157	E	8	5
V2LHS_63859_3	172_0259	C	5	6
V2LHS_33303_4	172_0356	A	4	5
V2LHS_70301_6	172_0573	D	11	6
V2LHS_66652_5	172_0499	A	3	6
V2LHS_66661_4	172_0340	H	12	6
V2LHS_225880_4	172_0371	B	12	4
V2LHS_225890_4	172_0378	D	8	4
V2LHS_230133_1	172_0093	H	9	4
V2LHS_81721_6	172_0540	E	7	6
V2LHS_179009_4	172_0390	A	4	2
V2LHS_58981_5	172_0448	E	7	5
V2LHS_39325_4	172_0347	F	2	5
V2LHS_65055_5	172_0442	A	10	6
V2LHS_29000_6	172_0598	B	10	5
V2LHS_29001_3	172_0205	C	3	5
V2LHS_246221_3	172_0285	B	9	4
V2LHS_97035_3	172_0205	D	2	6
V2LHS_133694_2	172_0164	F	10	1
V2LHS_253921_4	172_0362	A	9	4
V2LHS_123792_6	172_0573	C	9	1
V2LHS_92636_6	172_0552	G	8	6
V2LHS_241265_1	172_0080	G	4	4
V2LHS_241708_5	172_0491	C	12	4
V2LHS_270404_2	172_0108	A	2	4
V2LHS_5843_6	172_0505	F	6	5
V2LHS_262196_1	172_0095	F	5	4
V2LHS_84310_3	172_0253	A	12	6
V2LHS_284647_2	172_0153	B	1	5
V2LHS_85077_3	172_0238	F	4	6
V2LHS_276310_2	172_0124	B	5	4
V2LHS_98369_3	172_0232	A	8	6
V2LHS_276312_2	172_0174	G	9	4
V2LHS_98382_6	172_0599	G	10	6
V2LHS_181205_5	172_0422	C	7	2
V2LHS_250546_2	172_0145	B	7	4
V2LHS_181494_2	172_0121	D	4	3
V2LHS_181495_2	172_0133	F	8	3
V2LHS_138810_6	172_0537	C	12	1
V2LHS_243891_3	172_0215	D	5	4
V2LHS_203467_3	172_0246	C	9	3
V2LHS_29449_3	172_0239	A	10	5
V2LHS_139628_2	172_0154	F	8	1
V2LHS_53231_4	172_0353	D	9	5
V2LHS_242599_3	172_0236	H	3	4
V2LHS_39652_5	172_0478	A	7	5
V2LHS_95511_5	172_0489	A	4	6

V2LHS_95518_3	172_0202	H	8	6
V2LHS_17750_6	172_0547	G	6	2
V2LHS_268035_5	172_0407	A	2	4
V2LHS_111867_5	172_0419	F	5	1
V2LHS_111868_5	172_0402	F	6	1
V2LHS_147815_1	172_0008	F	2	2
V2LHS_231363_5	172_0416	E	3	4
V2LHS_22005_2	172_0164	E	6	3
V2LHS_269922_1	172_0089	B	10	4
V2LHS_115051_5	172_0409	D	2	1
V2LHS_33798_5	172_0438	A	5	5
V2LHS_196780_5	172_0449	E	11	3
V2LHS_241787_5	172_0457	G	11	4
V2LHS_143344_1	172_0066	D	4	2
V2LHS_61703_5	172_0465	B	3	6
V2LHS_269846_6	172_0600	C	8	4
V2LHS_58169_2	172_0163	F	1	5
V2LHS_12384_6	172_0522	D	4	1
V2LHS_43090_3	172_0240	B	4	5
V2LHS_235563_1	172_0082	A	7	4
V2LHS_33386_6	172_0511	A	8	5
V2LHS_143001_5	172_0470	A	6	1
V2LHS_81193_6	172_0550	D	11	6
V2LHS_17920_6	172_0589	E	10	2
V2LHS_59206_2	172_0117	C	5	5
V2LHS_104542_5	172_0484	G	1	1
V2LHS_65151_1	172_0036	E	1	6
V2LHS_158911_5	172_0490	C	11	2
V2LHS_25128_4	172_0337	D	7	4
V2LHS_178707_1	172_0067	F	10	2
V2LHS_59853_5	172_0466	D	6	5
V2LHS_141961_5	172_0413	H	10	1
V2LHS_276576_2	172_0110	H	10	4
V2LHS_138894_3	172_0255	D	1	1
V2LHS_99252_5	172_0498	B	2	6
V2LHS_134784_3	172_0229	G	7	1
V2LHS_91778_3	172_0250	D	4	6
V2LHS_242933_5	172_0492	G	9	4
V2LHS_264911_6	172_0577	E	6	4
V2LHS_23786_3	172_0208	C	6	4
V2LHS_71672_1	172_0044	C	7	6
V2LHS_241782_3	172_0246	G	3	4
V2LHS_39052_4	172_0309	D	4	5
V2LHS_57148_2	172_0125	G	11	5
V2LHS_57158_4	172_0383	C	4	5
V2LHS_51129_1	172_0010	E	10	5
V2LHS_87241_2	172_0131	A	8	6
V2LHS_222456_5	172_0453	E	10	3
V2LHS_60543_5	172_0427	A	8	5
V2LHS_45232_1	172_0034	F	5	5

V2LHS_66796_6	172_0558	G	7	6
V2LHS_258056_6	172_0534	F	7	4
V2LHS_87624_5	172_0447	B	6	6
V2LHS_250317_4	172_0336	B	4	4
V2LHS_81009_1	172_0086	F	5	6
V2LHS_44325_1	172_0025	B	1	5
V2LHS_44592_2	172_0150	H	6	5
V2LHS_9884_1	172_0076	H	9	6
V2LHS_98840_5	172_0497	C	4	6
V2LHS_67537_6	172_0567	F	6	6
V2LHS_67539_5	172_0495	H	9	6
V2LHS_144933_5	172_0466	A	1	2
V2LHS_63990_5	172_0436	B	9	6
V2LHS_234305_4	172_0400	D	6	4
V2LHS_234310_1	172_0023	B	2	4
V2LHS_227837_2	172_0104	C	4	4
V2LHS_32491_6	172_0589	G	10	5
V2LHS_113792_5	172_0428	A	4	1
V2LHS_238482_3	172_0220	F	6	4
V2LHS_44368_6	172_0512	A	6	5
V2LHS_98268_4	172_0306	E	9	6
V2LHS_61309_1	172_0029	G	7	5
V2LHS_99473_5	172_0433	A	8	6
V2LHS_224133_4	172_0359	A	1	4
V2LHS_98170_6	172_0529	E	3	6
V2LHS_285344_2	172_0170	A	6	5
V2LHS_80472_6	172_0583	B	3	6
V2LHS_72460_6	172_0542	G	4	6
V2LHS_72471_2	172_0185	H	7	6
V2LHS_112117_5	172_0435	F	3	1
V2LHS_234487_5	172_0499	D	12	4
V2LHS_150582_2	172_0158	C	1	2
V2LHS_234505_5	172_0466	E	6	4
V2LHS_227047_1	172_0038	G	9	4
V2LHS_84920_4	172_0395	F	5	6
V2LHS_230983_2	172_0140	D	6	4
V2LHS_67306_4	172_0385	A	6	6
V2LHS_255405_5	172_0487	E	9	4
V2LHS_25541_1	172_0022	A	3	4
V2LHS_202197_2	172_0138	C	1	3
V2LHS_238012_1	172_0065	H	4	4
V2LHS_113456_5	172_0493	G	4	1
V2LHS_71823_5	172_0414	B	2	6
V2LHS_19148_2	172_0126	E	2	3
V2LHS_41219_3	172_0264	E	5	5
V2LHS_181352_6	172_0520	G	1	3
V2LHS_278124_4	172_0378	H	3	5
V2LHS_36099_1	172_0047	G	4	5
V2LHS_36100_4	172_0364	C	1	5
V2LHS_32708_1	172_0009	B	5	5

V2LHS_69815_4	172_0348	E	7	6
V2LHS_235668_3	172_0225	H	8	4
V2LHS_33501_1	172_0089	F	3	5
V2LHS_108050_1	172_0048	A	9	1
V2LHS_254990_2	172_0107	C	9	4
V2LHS_39961_2	172_0154	F	6	5
V2LHS_76275_4	172_0320	E	1	6
V2LHS_86758_5	172_0478	A	6	6
V2LHS_97984_6	172_0538	H	1	6
V2LHS_52342_5	172_0447	E	8	5
V2LHS_275414_3	172_0248	D	6	4
V2LHS_82234_2	172_0184	A	9	6
V2LHS_86485_1	172_0093	D	4	6
V2LHS_176231_3	172_0283	E	4	2
V2LHS_98271_5	172_0433	E	6	6
V2LHS_53491_4	172_0303	G	7	5
V2LHS_122035_2	172_0199	D	5	1
V2LHS_56986_1	172_0036	A	1	5
V2LHS_58932_4	172_0386	H	9	5
V2LHS_192962_6	172_0559	B	5	3
V2LHS_74839_5	172_0474	F	10	6
V2LHS_284535_5	172_0488	D	7	5
V2LHS_104670_3	172_0270	D	7	1
V2LHS_277238_2	172_0177	E	5	4
V2LHS_75615_6	172_0550	B	10	6
V2LHS_28579_4	172_0387	F	7	5
V2LHS_80154_6	172_0583	G	9	6
V2LHS_210067_4	172_0321	C	9	3
V2LHS_156079_1	172_0078	H	12	2
V2LHS_29798_1	172_0016	F	7	5
V2LHS_231044_5	172_0412	G	2	4
V2LHS_272111_2	172_0119	F	11	4
V2LHS_35642_5	172_0473	F	7	5
V2LHS_30543_1	172_0022	H	8	5
V2LHS_42243_5	172_0459	C	1	5
V2LHS_136405_2	172_0183	B	4	1
V2LHS_70634_3	172_0229	G	4	6
V2LHS_65207_1	172_0079	F	1	6
V2LHS_58951_5	172_0482	G	10	5
V2LHS_193779_4	172_0309	E	3	3
V2LHS_6979_1	172_0048	E	11	6
V2LHS_113790_4	172_0318	F	11	1
V2LHS_33181_5	172_0411	C	6	5
V2LHS_82358_4	172_0376	A	9	6
V2LHS_73682_2	172_0136	C	6	6
V2LHS_278591_6	172_0541	D	9	5
V2LHS_39449_5	172_0443	E	6	5
V2LHS_61828_1	172_0026	E	2	6
V2LHS_239615_2	172_0142	H	10	4
V2LHS_62472_6	172_0537	G	5	6

V2LHS_40423_2	172_0103	A	6	5
V2LHS_96988_4	172_0305	C	8	6
V2LHS_86251_4	172_0364	A	9	6
V2LHS_71205_3	172_0297	A	12	6
V2LHS_286315_5	172_0457	E	5	5
V2LHS_47212_6	172_0549	E	3	5
V2LHS_61603_1	172_0027	B	11	6
V2LHS_49894_4	172_0361	B	8	5
V2LHS_225097_1	172_0037	B	6	4
V2LHS_227298_1	172_0049	E	10	4
V2LHS_222920_3	172_0243	G	2	3
V2LHS_82639_4	172_0346	H	8	6
V2LHS_242251_4	172_0305	H	10	4
V2LHS_104747_4	172_0400	D	5	1
V2LHS_192230_2	172_0174	D	9	3
V2LHS_88127_1	172_0017	A	2	6
V2LHS_228281_3	172_0239	H	8	4
V2LHS_140459_3	172_0205	E	5	1
V2LHS_86501_5	172_0485	F	4	6
V2LHS_227261_4	172_0358	F	8	4
V2LHS_49164_5	172_0492	D	7	5
V2LHS_236692_2	172_0118	G	2	4
V2LHS_6186_1	172_0045	D	8	6
V2LHS_79777_2	172_0116	D	10	6
V2LHS_256117_1	172_0096	C	12	4
V2LHS_67971_1	172_0006	H	7	6
V2LHS_128999_6	172_0542	E	3	1
V2LHS_285675_3	172_0267	D	5	5
V2LHS_241926_6	172_0513	G	10	4
V2LHS_239012_1	172_0075	G	3	4
V2LHS_75227_4	172_0334	D	4	6
V2LHS_40643_4	172_0319	D	5	5
V2LHS_34344_4	172_0376	B	6	5
V2LHS_114975_4	172_0333	C	7	1
V2LHS_125779_5	172_0422	C	12	1
V2LHS_30222_5	172_0414	A	12	5
V2LHS_239087_6	172_0550	E	4	4
V2LHS_7354_1	172_0086	B	10	6
V2LHS_42752_5	172_0470	D	2	5
V2LHS_67856_5	172_0435	A	11	6
V2LHS_51422_2	172_0114	D	10	5
V2LHS_63683_3	172_0243	A	10	6
V2LHS_70571_1	172_0032	E	2	6
V2LHS_84759_3	172_0229	B	9	6
V2LHS_88070_1	172_0021	B	2	6
V2LHS_73030_4	172_0394	E	5	6
V2LHS_70345_1	172_0052	D	7	6
V2LHS_250776_2	172_0171	D	4	4
V2LHS_155250_2	172_0109	A	9	2
V2LHS_101995_2	172_0129	A	12	1

V2LHS_29728_2	172_0132	B	2	5
V2LHS_45441_6	172_0504	H	7	5
V2LHS_216057_5	172_0418	G	6	3
V2LHS_98613_1	172_0010	E	8	6
V2LHS_64688_6	172_0586	H	10	6
V2LHS_128743_2	172_0107	E	10	1
V2LHS_251039_5	172_0449	E	8	4
V2LHS_22818_5	172_0475	E	5	4
V2LHS_40043_3	172_0287	E	5	5
V2LHS_25347_1	172_0019	E	12	4
V2LHS_238906_4	172_0384	F	6	4
V2LHS_66602_3	172_0296	H	3	6
V2LHS_243639_2	172_0125	F	6	4
V2LHS_276642_2	172_0111	E	4	4
V2LHS_147712_2	172_0188	F	3	2
V2LHS_157640_3	172_0211	C	11	2
V2LHS_225316_4	172_0306	D	4	4
V2LHS_284555_6	172_0551	F	12	5
V2LHS_141970_5	172_0419	C	10	1
V2LHS_42891_4	172_0374	A	11	5
V2LHS_119745_3	172_0263	A	9	1
V2LHS_230695_5	172_0411	D	6	4
V2LHS_44409_5	172_0500	F	8	5
V2LHS_180843_6	172_0545	F	10	2
V2LHS_15172_3	172_0243	G	4	2
V2LHS_166960_2	172_0126	E	7	2
V2LHS_32968_4	172_0350	C	10	5
V2LHS_54052_4	172_0364	H	12	5
V2LHS_76207_2	172_0101	E	5	6
V2LHS_60198_5	172_0486	A	6	5
V2LHS_189051_2	172_0196	E	10	3
V2LHS_107311_3	172_0300	E	7	1
V2LHS_49720_3	172_0274	D	9	5
V2LHS_64393_1	172_0025	F	3	6
V2LHS_286495_3	172_0255	F	5	5
V2LHS_67707_3	172_0295	E	5	6
V2LHS_65502_1	172_0070	E	4	6
V2LHS_285925_4	172_0324	H	4	5
V2LHS_286081_3	172_0217	D	12	5
V2LHS_57542_5	172_0490	F	2	5
V2LHS_64200_5	172_0471	D	6	6
V2LHS_173046_3	172_0204	B	3	2
V2LHS_23670_6	172_0520	C	8	4
V2LHS_17343_6	172_0553	G	12	2
V2LHS_12975_1	172_0077	A	10	1
V2LHS_61841_1	172_0050	B	9	6
V2LHS_156196_4	172_0342	E	3	2
V2LHS_87782_3	172_0204	G	9	6
V2LHS_36432_5	172_0409	D	4	5
V2LHS_252732_2	172_0102	B	4	4

V2LHS_57918_6	172_0584	D	6	5
V2LHS_165258_6	172_0526	G	11	2
V2LHS_27551_5	172_0411	G	6	4
V2LHS_285897_2	172_0116	B	12	5
V2LHS_58160_6	172_0572	D	6	5
V2LHS_141790_3	172_0201	D	1	1
V2LHS_166127_3	172_0259	E	7	2
V2LHS_9334_2	172_0122	F	5	6
V2LHS_170117_5	172_0428	F	11	2
V2LHS_68896_5	172_0453	A	6	6
V2LHS_275717_2	172_0148	F	11	4
V2LHS_75309_3	172_0202	A	9	6
V2LHS_234764_3	172_0223	E	3	4
V2LHS_96483_1	172_0044	C	3	6
V2LHS_285390_2	172_0111	E	12	5
V2LHS_275327_3	172_0254	F	8	4
V2LHS_277027_3	172_0263	C	5	4
V2LHS_157927_4	172_0354	C	1	2
V2LHS_239943_2	172_0160	H	8	4
V2LHS_34413_6	172_0532	E	12	5
V2LHS_150845_6	172_0547	D	7	2
V2LHS_276688_2	172_0184	A	1	4
V2LHS_35860_5	172_0481	C	11	5
V2LHS_237807_2	172_0146	A	5	4
V2LHS_77443_5	172_0411	C	5	6
V2LHS_259011_2	172_0151	A	5	4
V2LHS_257870_2	172_0106	E	5	4
V2LHS_264030_4	172_0367	A	12	4
V2LHS_74874_5	172_0413	E	1	6
V2LHS_243671_5	172_0471	C	10	4
V2LHS_56944_3	172_0245	F	8	5
V2LHS_128038_6	172_0588	B	12	1
V2LHS_88820_5	172_0452	G	9	6
V2LHS_136592_3	172_0269	A	2	1
V2LHS_75017_5	172_0479	D	10	6
V2LHS_80904_4	172_0339	G	6	6
V2LHS_66930_2	172_0129	H	5	6
V2LHS_262339_2	172_0144	E	11	4
V2LHS_145603_2	172_0191	B	4	2
V2LHS_20326_4	172_0384	B	8	3
V2LHS_50212_5	172_0423	F	8	5
V2LHS_24734_5	172_0404	B	5	4
V2LHS_27180_1	172_0017	H	8	4
V2LHS_243843_3	172_0215	H	6	4
V2LHS_52864_4	172_0311	G	2	5
V2LHS_289_4	172_0323	D	12	5
V2LHS_226759_5	172_0480	F	9	4
V2LHS_227556_1	172_0052	C	7	4
V2LHS_60883_1	172_0027	B	2	5
V2LHS_99088_5	172_0492	G	11	6

V2LHS_94107_1	172_0091	A	3	6
V2LHS_53369_3	172_0235	C	8	5
V2LHS_14510_1	172_0096	E	4	2
V2LHS_116222_4	172_0383	A	1	1
V2LHS_264948_1	172_0093	A	9	4
V2LHS_32611_3	172_0250	F	7	5
V2LHS_107395_5	172_0447	D	10	1
V2LHS_226956_3	172_0299	C	9	4
V2LHS_253396_3	172_0300	E	12	4
V2LHS_128549_6	172_0590	E	8	1
V2LHS_94764_1	172_0050	D	1	6
V2LHS_125643_5	172_0401	A	10	1
V2LHS_60152_1	172_0049	G	4	5
V2LHS_167021_4	172_0368	E	7	2
V2LHS_72144_5	172_0429	B	6	6
V2LHS_54937_6	172_0532	A	10	5
V2LHS_170147_1	172_0053	D	10	2
V2LHS_51135_6	172_0540	B	7	5
V2LHS_150505_1	172_0016	E	4	2
V2LHS_47010_4	172_0377	F	12	5
V2LHS_234934_1	172_0058	E	9	4
V2LHS_277783_2	172_0196	F	6	4
V2LHS_111682_4	172_0386	D	7	1
V2LHS_28546_3	172_0283	G	3	5
V2LHS_227005_4	172_0343	E	11	4
V2LHS_116074_1	172_0040	D	7	1
V2LHS_239251_3	172_0245	B	10	4
V2LHS_48643_1	172_0051	H	8	5
V2LHS_277164_3	172_0231	A	3	4
V2LHS_35872_1	172_0051	G	4	5
V2LHS_66956_6	172_0595	C	1	6
V2LHS_195375_2	172_0153	D	10	3
V2LHS_14715_3	172_0236	F	7	2
V2LHS_29205_6	172_0530	H	3	5
V2LHS_204101_3	172_0279	H	12	3
V2LHS_202799_1	172_0051	G	5	3
V2LHS_102441_6	172_0552	H	1	1
V2LHS_29217_1	172_0015	C	3	5
V2LHS_66965_3	172_0228	D	11	6
V2LHS_66978_5	172_0420	H	3	6
V2LHS_26223_3	172_0239	C	7	4
V2LHS_45549_3	172_0210	F	1	5
V2LHS_58170_3	172_0260	D	9	5
V2LHS_27509_4	172_0398	D	8	4
V2LHS_34082_3	172_0209	G	12	5
V2LHS_50938_3	172_0258	G	6	5
V2LHS_46284_6	172_0507	A	4	5
V2LHS_50375_6	172_0510	F	8	5
V2LHS_61200_3	172_0281	H	11	5
V2LHS_119545_6	172_0585	H	11	1

V2LHS_44887_4	172_0326	A	12	5
V2LHS_41870_2	172_0135	A	12	5
V2LHS_268651_4	172_0310	B	3	4
V2LHS_66833_3	172_0237	C	4	6
V2LHS_25814_2	172_0165	H	1	4
V2LHS_46139_5	172_0474	B	12	5
V2LHS_277094_2	172_0112	D	9	4
V2LHS_66982_4	172_0350	E	5	6
V2LHS_201764_1	172_0035	F	9	3
V2LHS_269042_4	172_0309	E	7	4
V2LHS_260044_5	172_0448	C	3	4
V2LHS_141781_2	172_0165	C	7	1
V2LHS_261848_1	172_0094	D	4	4
V2LHS_123514_2	172_0160	A	10	1
V2LHS_47160_3	172_0246	B	3	5
V2LHS_242709_1	172_0058	C	6	4
V2LHS_175503_2	172_0113	B	6	2
V2LHS_231119_1	172_0095	B	9	4
V2LHS_102321_1	172_0026	G	6	1
V2LHS_25118_1	172_0020	A	10	4
V2LHS_132874_1	172_0068	D	9	1
V2LHS_69357_4	172_0340	A	11	6
V2LHS_100575_1	172_0046	D	3	1
V2LHS_197862_6	172_0534	E	7	3
V2LHS_141367_4	172_0398	B	9	1
V2LHS_223979_6	172_0564	G	2	4
V2LHS_180328_6	172_0526	H	8	2
V2LHS_254989_6	172_0515	G	10	4
V2LHS_32164_3	172_0227	G	5	5
V2LHS_166844_3	172_0209	C	4	2
V2LHS_159426_2	172_0182	G	4	2
V2LHS_127377_1	172_0010	E	7	1
V2LHS_131471_4	172_0369	H	1	1
V2LHS_238284_2	172_0191	E	1	4
V2LHS_234060_4	172_0398	B	3	4
V2LHS_39479_3	172_0287	G	3	5
V2LHS_17680_5	172_0447	D	5	2
V2LHS_63554_4	172_0392	B	3	6
V2LHS_81379_6	172_0594	F	6	6
V2LHS_140605_6	172_0552	F	2	1
V2LHS_35896_3	172_0257	D	1	5
V2LHS_61985_4	172_0320	C	6	6
V2LHS_82613_5	172_0449	B	6	6
V2LHS_261228_6	172_0533	H	6	4
V2LHS_82724_3	172_0212	D	11	6
V2LHS_252717_2	172_0120	B	9	4
V2LHS_49235_6	172_0594	A	1	5
V2LHS_175784_2	172_0119	E	8	2
V2LHS_129127_1	172_0094	C	6	1
V2LHS_27943_4	172_0354	C	12	5

V2LHS_262386_6	172_0580	G	6	4
V2LHS_26445_3	172_0261	A	3	4
V2LHS_8021_1	172_0077	E	3	6
V2LHS_36557_5	172_0442	B	9	5
V2LHS_176563_2	172_0177	E	12	2
V2LHS_114574_5	172_0409	G	2	1
V2LHS_72307_4	172_0358	B	11	6
V2LHS_126856_6	172_0596	G	8	1
V2LHS_239602_3	172_0241	C	2	4
V2LHS_71374_3	172_0209	H	8	6
V2LHS_53995_1	172_0028	F	3	5
V2LHS_29746_2	172_0163	F	4	5
V2LHS_144790_3	172_0285	G	8	2
V2LHS_125349_2	172_0189	A	10	1
V2LHS_61383_4	172_0306	C	4	5
V2LHS_25959_4	172_0327	E	8	4
V2LHS_56284_2	172_0165	D	5	5
V2LHS_65276_4	172_0331	D	2	6
V2LHS_72753_2	172_0133	B	8	6
V2LHS_171274_4	172_0377	B	1	2
V2LHS_79792_5	172_0489	E	7	6
V2LHS_5989_5	172_0411	H	12	5
V2LHS_39933_4	172_0379	E	5	5
V2LHS_86672_1	172_0013	G	8	6
V2LHS_167708_5	172_0467	B	3	2
V2LHS_253580_6	172_0520	H	6	4
V2LHS_256592_3	172_0297	H	1	4
V2LHS_95293_3	172_0293	F	1	6
V2LHS_51771_4	172_0330	G	12	5
V2LHS_52561_6	172_0591	E	5	5
V2LHS_82166_6	172_0542	H	11	6
V2LHS_239315_3	172_0227	D	11	4
V2LHS_223784_4	172_0324	G	1	4
V2LHS_72436_5	172_0455	D	1	6
V2LHS_33846_5	172_0425	B	8	5
V2LHS_33832_4	172_0339	A	3	5
V2LHS_143771_5	172_0494	B	4	2
V2LHS_23737_3	172_0269	F	8	4
V2LHS_100729_6	172_0574	C	3	1
V2LHS_33637_1	172_0067	H	2	5
V2LHS_31447_4	172_0365	A	1	5
V2LHS_53585_2	172_0101	F	8	5
V2LHS_63564_5	172_0408	H	12	6
V2LHS_247396_6	172_0570	G	4	4
V2LHS_29593_4	172_0308	B	5	5
V2LHS_277726_2	172_0188	E	2	4
V2LHS_277232_2	172_0118	D	6	4
V2LHS_21386_5	172_0487	G	6	3
V2LHS_89832_3	172_0284	G	6	6
V2LHS_89902_1	172_0021	H	5	6

V2LHS_12105_1	172_0061	A	3	1
V2LHS_226622_6	172_0563	E	4	4
V2LHS_30815_5	172_0456	D	6	5
V2LHS_50994_1	172_0046	F	6	5
V2LHS_73114_6	172_0506	C	1	6
V2LHS_237004_2	172_0123	G	2	4
V2LHS_162266_4	172_0340	F	9	2
V2LHS_239479_4	172_0330	C	2	4
V2LHS_26013_4	172_0384	A	7	4
V2LHS_51295_3	172_0285	A	1	5
V2LHS_238331_2	172_0175	F	5	4
V2LHS_127656_6	172_0510	F	12	1
V2LHS_139832_6	172_0532	D	2	1
V2LHS_104815_2	172_0137	A	8	1
V2LHS_102273_4	172_0308	F	12	1
V2LHS_51844_1	172_0086	B	3	5
V2LHS_90327_3	172_0206	A	4	6
V2LHS_36158_6	172_0531	G	2	5
V2LHS_70448_3	172_0239	B	9	6
V2LHS_269079_3	172_0287	G	12	4
V2LHS_72410_3	172_0272	H	10	6
V2LHS_151891_2	172_0123	G	6	2
V2LHS_234261_1	172_0057	G	12	4
V2LHS_265925_2	172_0168	B	3	4
V2LHS_31862_5	172_0445	E	10	5
V2LHS_23129_4	172_0372	A	8	4
V2LHS_36659_3	172_0222	D	9	5
V2LHS_96826_1	172_0061	E	10	6
V2LHS_114339_6	172_0600	F	2	1
V2LHS_110490_6	172_0595	D	4	1
V2LHS_23965_5	172_0493	G	6	4
V2LHS_121008_2	172_0162	H	10	1
V2LHS_277846_2	172_0193	C	11	4
V2LHS_17366_4	172_0359	E	5	2
V2LHS_68372_4	172_0326	B	8	6
V2LHS_50475_6	172_0567	H	7	5
V2LHS_22239_5	172_0435	D	7	3
V2LHS_179056_5	172_0481	C	8	2
V2LHS_259145_5	172_0449	B	5	4
V2LHS_70650_5	172_0443	F	1	6
V2LHS_284384_3	172_0283	D	6	5
V2LHS_254507_2	172_0171	C	4	4
V2LHS_122987_5	172_0424	H	5	1
V2LHS_67347_4	172_0400	D	1	6
V2LHS_240152_5	172_0459	H	7	4
V2LHS_30055_1	172_0059	B	1	5
V2LHS_118831_4	172_0384	D	6	1
V2LHS_37299_1	172_0048	F	8	5
V2LHS_145271_1	172_0056	F	8	2
V2LHS_72154_1	172_0056	B	12	6

V2LHS_131448_1	172_0004	H	12	1
V2LHS_26188_4	172_0347	G	4	4
V2LHS_104022_4	172_0325	A	2	1
V2LHS_176626_3	172_0235	C	7	2
V2LHS_70553_4	172_0368	F	6	6
V2LHS_116956_1	172_0052	F	11	1
V2LHS_140219_6	172_0517	F	6	1
V2LHS_37810_4	172_0354	A	11	5
V2LHS_82357_3	172_0282	D	12	6
V2LHS_69715_1	172_0056	H	4	6
V2LHS_225384_6	172_0561	F	11	4
V2LHS_162225_4	172_0325	D	7	2
V2LHS_284595_4	172_0346	G	12	5
V2LHS_252313_2	172_0186	E	7	4
V2LHS_5675_1	172_0036	G	8	5
V2LHS_69667_3	172_0237	H	12	6
V2LHS_94822_6	172_0581	F	7	6
V2LHS_63581_3	172_0266	E	3	6
V2LHS_36547_6	172_0567	C	9	5
V2LHS_61438_6	172_0571	A	10	5
V2LHS_83246_4	172_0324	H	5	6
V2LHS_24281_1	172_0007	E	3	4
V2LHS_98130_5	172_0422	D	7	6
V2LHS_44087_3	172_0267	A	7	5
V2LHS_225446_1	172_0032	F	5	4
V2LHS_36056_6	172_0508	D	10	5
V2LHS_76776_1	172_0017	H	4	6
V2LHS_68904_4	172_0318	E	10	6
V2LHS_89952_4	172_0305	A	7	6
V2LHS_63603_4	172_0333	D	3	6
V2LHS_172121_3	172_0284	G	5	2
V2LHS_33452_3	172_0265	B	6	5
V2LHS_63744_1	172_0037	E	5	6
V2LHS_25895_2	172_0132	E	8	4
V2LHS_33217_5	172_0492	G	7	5
V2LHS_99642_1	172_0007	C	6	6
V2LHS_239319_6	172_0581	G	10	4
V2LHS_15609_3	172_0227	D	9	2
V2LHS_70521_6	172_0564	B	8	6
V2LHS_35987_4	172_0342	D	4	5
V2LHS_241767_1	172_0070	A	10	4
V2LHS_33435_3	172_0281	D	3	5
V2LHS_120651_4	172_0356	F	11	1
V2LHS_284959_2	172_0156	H	1	5
V2LHS_156457_5	172_0445	D	5	2
V2LHS_235038_3	172_0223	F	1	4
V2LHS_129504_3	172_0290	B	6	1
V2LHS_86960_5	172_0463	H	5	6
V2LHS_27555_1	172_0055	C	2	4
V2LHS_10374_1	172_0059	B	1	1

V2LHS_233713_6	172_0510	E	5	4
V2LHS_84030_5	172_0422	E	10	6
V2LHS_244162_2	172_0180	F	6	4
V2LHS_43397_2	172_0128	E	6	5
V2LHS_111413_4	172_0372	F	8	1
V2LHS_250919_3	172_0271	A	12	4
V2LHS_48805_5	172_0480	A	7	5
V2LHS_197829_5	172_0437	F	11	3
V2LHS_31885_6	172_0504	D	2	5
V2LHS_243054_3	172_0253	D	6	4
V2LHS_242978_1	172_0067	E	5	4
V2LHS_52417_4	172_0383	F	12	5
V2LHS_257670_3	172_0209	A	12	4
V2LHS_46096_4	172_0333	E	7	5
V2LHS_120721_1	172_0088	E	10	1
V2LHS_187053_2	172_0113	H	9	3
V2LHS_111283_6	172_0550	C	10	1
V2LHS_84176_3	172_0202	F	8	6
V2LHS_63646_5	172_0410	G	1	6
V2LHS_39932_4	172_0384	C	4	5
V2LHS_76981_2	172_0104	H	7	6
V2LHS_77744_3	172_0228	E	12	6
V2LHS_31912_6	172_0562	C	9	5
V2LHS_137917_6	172_0557	D	9	1
V2LHS_241995_5	172_0484	F	6	4
V2LHS_45309_6	172_0531	F	6	5
V2LHS_68969_5	172_0417	C	5	6
V2LHS_75025_2	172_0135	B	7	6
V2LHS_244132_2	172_0119	A	8	4
V2LHS_138972_1	172_0047	A	3	1
V2LHS_85371_1	172_0021	F	4	6
V2LHS_238344_3	172_0215	C	7	4
V2LHS_4650_1	172_0052	F	11	5
V2LHS_173117_6	172_0559	H	1	2
V2LHS_238620_5	172_0491	D	4	4
V2LHS_233772_6	172_0584	H	6	4
V2LHS_31948_5	172_0430	C	8	5
V2LHS_226369_6	172_0534	F	6	4
V2LHS_179344_5	172_0483	C	8	2
V2LHS_108228_6	172_0511	C	12	1
V2LHS_57110_5	172_0464	G	11	5
V2LHS_70386_2	172_0199	C	4	6
V2LHS_78066_1	172_0020	B	4	6
V2LHS_90928_1	172_0097	C	7	6
V2LHS_75745_5	172_0439	H	3	6
V2LHS_231732_3	172_0232	D	7	4
V2LHS_243483_5	172_0458	C	1	4
V2LHS_195262_5	172_0444	D	5	3
V2LHS_63721_1	172_0045	C	9	6
V2LHS_187238_5	172_0462	F	5	3

V2LHS_90953_2	172_0106	D	11	6
V2LHS_125118_4	172_0399	C	6	1
V2LHS_238913_6	172_0574	B	11	4
V2LHS_259547_1	172_0100	D	3	4
V2LHS_92046_2	172_0162	G	6	6
V2LHS_271753_6	172_0515	C	2	4
V2LHS_226793_5	172_0404	H	4	4
V2LHS_92974_3	172_0256	D	11	6
V2LHS_93911_4	172_0309	G	2	6
V2LHS_63723_5	172_0466	G	9	6
V2LHS_245507_3	172_0237	B	4	4
V2LHS_233776_6	172_0512	H	10	4
V2LHS_233785_4	172_0380	A	4	4
V2LHS_182591_1	172_0064	G	12	3
V2LHS_22556_6	172_0523	H	2	4
V2LHS_23550_4	172_0349	A	10	4
V2LHS_142112_6	172_0534	C	9	1
V2LHS_41530_4	172_0305	E	6	5
V2LHS_93894_3	172_0267	G	6	6
V2LHS_187241_1	172_0073	B	9	3
V2LHS_68981_5	172_0483	B	1	6
V2LHS_233802_2	172_0116	C	4	4
V2LHS_79588_4	172_0390	F	5	6
V2LHS_38757_5	172_0466	G	5	5
V2LHS_119551_1	172_0073	D	6	1
V2LHS_32963_4	172_0364	E	8	5
V2LHS_37372_6	172_0545	D	10	5
V2LHS_250381_2	172_0143	C	11	4
V2LHS_170919_4	172_0393	A	10	2
V2LHS_26485_2	172_0135	F	2	4
V2LHS_238356_1	172_0065	B	8	4
V2LHS_97150_6	172_0524	B	2	6
V2LHS_233846_2	172_0112	F	1	4
V2LHS_98431_2	172_0153	D	11	6
V2LHS_143087_2	172_0114	A	3	1
V2LHS_241639_5	172_0467	G	9	4
V2LHS_233828_5	172_0479	D	7	4
V2LHS_175873_4	172_0362	B	12	2
V2LHS_83212_6	172_0559	F	9	6
V2LHS_173070_4	172_0336	C	6	2
V2LHS_44811_3	172_0293	D	6	5
V2LHS_26806_5	172_0438	C	7	4
V2LHS_84010_3	172_0250	G	9	6
V2LHS_52788_4	172_0323	D	12	5
V2LHS_690_2	172_0103	H	3	6
V2LHS_31989_5	172_0498	C	6	5
V2LHS_53733_5	172_0417	F	7	5
V2LHS_69020_3	172_0227	G	3	6
V2LHS_6905_1	172_0024	F	9	6
V2LHS_31999_6	172_0578	C	1	5

V2LHS_67751_5	172_0419	A	12	6
V2LHS_36341_1	172_0013	C	4	5
V2LHS_69054_6	172_0576	C	7	6
V2LHS_97596_2	172_0105	E	11	6
V2LHS_241556_5	172_0484	C	11	4
V2LHS_236962_5	172_0446	E	11	4
V2LHS_64224_1	172_0004	H	11	6
V2LHS_60759_4	172_0347	H	6	5
V2LHS_40351_5	172_0455	F	9	5
V2LHS_21157_4	172_0360	A	5	3
V2LHS_147600_6	172_0564	B	3	2
V2LHS_93828_1	172_0009	G	11	6
V2LHS_96157_3	172_0217	B	4	6
V2LHS_75188_6	172_0539	A	7	6
V2LHS_82236_4	172_0371	A	1	6
V2LHS_227270_2	172_0156	E	5	4
V2LHS_3016_1	172_0072	D	4	5
V2LHS_200176_4	172_0394	B	3	3
V2LHS_244295_2	172_0150	C	3	4
V2LHS_255771_6	172_0513	G	6	4
V2LHS_130870_5	172_0472	F	2	1
V2LHS_241532_2	172_0162	F	8	4
V2LHS_40433_3	172_0243	D	1	5
V2LHS_219348_5	172_0461	C	3	3
V2LHS_249620_3	172_0213	C	7	4
V2LHS_6047_1	172_0037	G	8	5
V2LHS_243808_3	172_0263	G	2	4
V2LHS_45850_5	172_0470	H	11	5
V2LHS_63781_4	172_0380	F	12	6
V2LHS_35533_6	172_0519	C	11	5
V2LHS_160841_5	172_0450	D	3	2
V2LHS_60882_4	172_0369	H	9	5
V2LHS_89249_6	172_0566	D	2	6
V2LHS_102732_4	172_0386	B	12	1
V2LHS_76343_6	172_0590	D	7	6
V2LHS_28493_3	172_0230	F	1	5
V2LHS_130701_6	172_0574	F	4	1
V2LHS_20570_5	172_0468	H	1	3
V2LHS_67905_6	172_0524	B	3	6
V2LHS_186134_4	172_0378	F	8	3
V2LHS_236014_1	172_0067	D	7	4
V2LHS_76181_6	172_0568	C	12	6
V2LHS_32075_1	172_0064	A	5	5
V2LHS_83942_4	172_0351	H	2	6
V2LHS_209917_3	172_0259	F	10	3
V2LHS_249229_4	172_0362	C	8	4
V2LHS_227599_1	172_0033	G	7	4
V2LHS_254840_3	172_0290	B	8	4
V2LHS_26623_6	172_0513	H	2	4
V2LHS_225595_4	172_0331	B	4	4

V2LHS_260261_5	172_0471	E	7	4
V2LHS_63880_1	172_0033	C	9	6
V2LHS_69965_5	172_0450	G	8	6
V2LHS_58722_5	172_0425	A	12	5
V2LHS_176549_4	172_0340	E	12	2
V2LHS_277529_2	172_0161	G	4	4
V2LHS_196528_1	172_0070	F	3	3
V2LHS_251548_2	172_0102	G	6	4
V2LHS_249741_2	172_0104	F	8	4
V2LHS_242716_2	172_0142	G	5	4
V2LHS_226117_1	172_0091	E	11	4
V2LHS_251015_1	172_0092	E	4	4
V2LHS_285099_5	172_0491	B	11	5
V2LHS_273113_2	172_0176	C	4	4
V2LHS_144861_3	172_0246	A	7	2
V2LHS_242793_4	172_0337	C	4	4
V2LHS_257623_6	172_0503	F	5	4
V2LHS_123771_4	172_0335	B	2	1
V2LHS_60950_5	172_0439	E	10	5
V2LHS_239399_5	172_0466	D	6	4
V2LHS_223319_4	172_0312	H	5	3
V2LHS_131769_3	172_0276	B	10	1
V2LHS_32105_3	172_0256	G	5	5
V2LHS_25204_6	172_0585	G	4	4
V2LHS_111710_4	172_0327	G	6	1
V2LHS_262505_6	172_0556	C	3	4
V2LHS_86705_2	172_0136	H	7	6
V2LHS_131171_5	172_0425	C	3	1
V2LHS_276115_4	172_0345	D	1	4
V2LHS_25612_5	172_0484	C	12	4
V2LHS_50056_5	172_0409	E	9	5
V2LHS_112397_6	172_0523	G	5	1
V2LHS_243646_6	172_0509	D	2	4
V2LHS_284762_2	172_0158	E	10	5
V2LHS_285733_2	172_0188	F	9	5
V2LHS_99069_3	172_0259	H	4	6
V2LHS_225645_4	172_0365	E	6	4
V2LHS_116551_4	172_0322	D	8	1
V2LHS_52721_3	172_0213	G	8	5
V2LHS_266204_6	172_0591	B	10	4
V2LHS_50448_6	172_0572	G	5	5
V2LHS_273425_6	172_0518	D	10	4
V2LHS_274318_5	172_0421	F	12	4
V2LHS_120491_1	172_0076	G	8	1
V2LHS_59066_2	172_0194	A	1	5
V2LHS_234706_1	172_0033	A	2	4
V2LHS_133392_3	172_0208	F	1	1
V2LHS_79656_6	172_0515	C	1	6
V2LHS_219030_2	172_0141	E	7	3
V2LHS_244021_1	172_0098	C	5	4

V2LHS_87199_4	172_0341	G	3	6
V2LHS_62430_1	172_0046	G	7	6
V2LHS_266432_6	172_0567	F	5	4
V2LHS_278505_3	172_0278	B	3	5
V2LHS_277018_2	172_0170	H	2	4
V2LHS_23672_6	172_0577	B	7	4
V2LHS_150240_4	172_0344	E	5	2
V2LHS_32933_2	172_0136	D	5	5
V2LHS_52281_5	172_0406	C	11	5
V2LHS_272917_2	172_0147	G	1	4
V2LHS_90651_2	172_0164	G	12	6
V2LHS_93460_4	172_0356	G	1	6
V2LHS_223477_1	172_0081	B	5	4
V2LHS_75970_3	172_0220	G	8	6
V2LHS_225694_2	172_0101	E	1	4
V2LHS_74745_4	172_0367	D	1	6
V2LHS_90559_4	172_0400	G	2	6
V2LHS_200290_5	172_0438	E	1	3
V2LHS_258435_5	172_0491	F	11	4
V2LHS_57694_5	172_0446	E	11	5
V2LHS_227799_2	172_0180	E	12	4
V2LHS_143825_5	172_0447	F	4	2
V2LHS_40605_3	172_0299	A	3	5
V2LHS_228673_1	172_0035	A	2	4
V2LHS_75350_6	172_0522	G	4	6
V2LHS_231894_4	172_0360	G	1	4
V2LHS_54305_1	172_0043	D	8	5
V2LHS_124746_4	172_0381	H	5	1
V2LHS_245460_5	172_0444	C	1	4
V2LHS_56407_1	172_0047	G	4	5
V2LHS_95943_4	172_0338	H	6	6
V2LHS_95072_3	172_0281	B	2	6
V2LHS_33513_4	172_0302	A	11	5
V2LHS_157238_2	172_0186	D	10	2
V2LHS_42793_5	172_0497	H	1	5
V2LHS_61172_2	172_0137	H	4	5
V2LHS_243328_2	172_0111	B	12	4
V2LHS_64608_2	172_0182	G	5	6
V2LHS_47795_6	172_0535	B	1	5
V2LHS_23398_5	172_0415	H	9	4
V2LHS_69138_1	172_0008	E	5	6
V2LHS_244161_2	172_0110	G	6	4
V2LHS_37132_4	172_0344	E	8	5
V2LHS_210149_3	172_0295	E	5	3
V2LHS_142676_6	172_0543	F	11	1
V2LHS_128285_6	172_0547	A	7	1
V2LHS_99974_6	172_0589	B	2	6
V2LHS_23560_3	172_0211	A	11	4
V2LHS_151639_1	172_0078	A	4	2
V2LHS_59204_5	172_0474	H	12	5

V2LHS_92196_5	172_0407	H	3	6
V2LHS_27707_5	172_0486	D	6	4
V2LHS_131086_6	172_0523	C	11	1
V2LHS_90460_3	172_0236	E	9	6
V2LHS_99113_3	172_0224	G	4	6
V2LHS_203500_1	172_0043	E	7	3
V2LHS_239291_1	172_0056	C	4	4
V2LHS_59193_4	172_0310	G	12	5
V2LHS_47034_2	172_0166	C	6	5
V2LHS_96761_5	172_0407	D	12	6
V2LHS_61402_5	172_0417	D	8	5
V2LHS_156666_6	172_0520	G	7	2
V2LHS_238991_4	172_0317	D	2	4
V2LHS_63355_4	172_0313	A	3	6
V2LHS_63857_5	172_0485	G	12	6
V2LHS_27819_3	172_0273	B	10	5
V2LHS_20443_1	172_0017	C	10	3
V2LHS_258502_1	172_0083	F	2	4
V2LHS_72501_5	172_0405	B	3	6
V2LHS_91523_5	172_0423	B	1	6
V2LHS_33020_1	172_0012	B	4	5
V2LHS_253991_3	172_0221	E	12	4
V2LHS_197376_4	172_0336	D	3	3
V2LHS_98338_6	172_0573	F	9	6
V2LHS_59176_6	172_0536	A	11	5
V2LHS_56845_6	172_0598	E	9	5
V2LHS_264978_1	172_0082	A	7	4
V2LHS_234475_5	172_0459	G	1	4
V2LHS_227383_6	172_0566	H	1	4
V2LHS_240997_1	172_0070	H	12	4
V2LHS_130516_4	172_0302	E	2	1
V2LHS_175840_2	172_0119	D	1	2
V2LHS_226648_6	172_0548	F	9	4
V2LHS_255555_3	172_0292	E	3	4
V2LHS_232083_1	172_0041	C	4	4
V2LHS_285482_5	172_0484	H	10	5
V2LHS_137923_3	172_0256	E	10	1
V2LHS_80494_4	172_0321	D	5	6
V2LHS_65044_1	172_0025	C	5	6
V2LHS_12041_3	172_0287	C	2	1
V2LHS_263143_1	172_0083	D	11	4
V2LHS_41086_3	172_0232	D	5	5
V2LHS_89290_4	172_0385	D	9	6
V2LHS_83840_2	172_0106	G	11	6
V2LHS_38645_6	172_0532	B	5	5
V2LHS_56655_5	172_0412	A	3	5
V2LHS_193122_2	172_0160	E	2	3
V2LHS_67401_3	172_0216	F	6	6
V2LHS_277310_3	172_0228	E	5	4
V2LHS_153081_4	172_0318	H	4	2

V2LHS_51174_4	172_0333	C	3	5
V2LHS_221232_3	172_0253	D	10	3
V2LHS_231822_4	172_0351	H	5	4
V2LHS_57937_6	172_0516	H	2	5
V2LHS_29978_5	172_0421	E	7	5
V2LHS_242681_2	172_0157	A	10	4
V2LHS_96717_2	172_0130	G	7	6
V2LHS_23180_1	172_0005	D	7	4
V2LHS_50630_1	172_0038	F	1	5
V2LHS_70490_4	172_0313	A	5	6
V2LHS_29848_5	172_0413	D	4	5
V2LHS_81811_4	172_0352	H	6	6
V2LHS_285657_3	172_0273	C	4	5
V2LHS_244076_3	172_0218	F	5	4
V2LHS_28839_4	172_0329	A	12	5
V2LHS_40161_6	172_0537	D	5	5
V2LHS_244054_5	172_0441	H	12	4
V2LHS_302_1	172_0064	D	1	5
V2LHS_76966_3	172_0289	E	6	6
V2LHS_166200_4	172_0400	B	1	2
V2LHS_72176_6	172_0550	D	7	6
V2LHS_68118_5	172_0478	F	3	6
V2LHS_262700_6	172_0517	F	10	4
V2LHS_90162_5	172_0489	D	2	6
V2LHS_131007_6	172_0598	B	5	1
V2LHS_53745_4	172_0315	G	11	5
V2LHS_260680_6	172_0507	F	1	4
V2LHS_19971_3	172_0239	E	8	3
V2LHS_59129_1	172_0053	H	12	5
V2LHS_275507_2	172_0185	E	8	4
V2LHS_138180_4	172_0366	D	10	1
V2LHS_50347_3	172_0223	E	12	5
V2LHS_162116_2	172_0176	E	5	2
V2LHS_68172_6	172_0525	A	12	6
V2LHS_88283_5	172_0480	A	12	6
V2LHS_154945_4	172_0354	E	7	2
V2LHS_179347_2	172_0177	F	1	2
V2LHS_92520_6	172_0599	B	7	6
V2LHS_165755_4	172_0356	G	11	2
V2LHS_63364_2	172_0199	H	11	6
V2LHS_225785_4	172_0368	F	10	4
V2LHS_250824_6	172_0574	B	11	4
V2LHS_23037_3	172_0279	A	7	4
V2LHS_120521_5	172_0405	D	9	1
V2LHS_241288_6	172_0550	G	5	4
V2LHS_33736_6	172_0502	H	11	5
V2LHS_142423_4	172_0395	B	5	1
V2LHS_35525_6	172_0579	E	10	5
V2LHS_267750_6	172_0562	H	4	4
V2LHS_59544_5	172_0420	E	8	5

V2LHS_82272_6	172_0527	C	1	6
V2LHS_175617_2	172_0125	D	8	2
V2LHS_72761_4	172_0307	D	9	6
V2LHS_265635_6	172_0550	D	9	4
V2LHS_254259_1	172_0092	B	3	4
V2LHS_80469_4	172_0379	C	2	6
V2LHS_122589_4	172_0380	B	11	1
V2LHS_255891_1	172_0088	B	12	4
V2LHS_40025_6	172_0507	H	2	5
V2LHS_132746_6	172_0506	E	8	1
V2LHS_270171_4	172_0315	D	6	4
V2LHS_39991_3	172_0246	F	11	5
V2LHS_73350_1	172_0014	G	1	6
V2LHS_94033_1	172_0055	C	7	6
V2LHS_247607_3	172_0294	H	6	4
V2LHS_69649_3	172_0214	D	8	6
V2LHS_154814_1	172_0020	D	5	2
V2LHS_22580_1	172_0063	A	5	4
V2LHS_126695_3	172_0286	F	5	1
V2LHS_60427_5	172_0494	C	2	5
V2LHS_63890_4	172_0387	A	5	6
V2LHS_23007_5	172_0470	C	2	4
V2LHS_33663_1	172_0012	C	10	5
V2LHS_69075_5	172_0487	D	3	6
V2LHS_260630_2	172_0105	B	12	4
V2LHS_235201_6	172_0563	G	3	4
V2LHS_75805_6	172_0520	E	4	6
V2LHS_70445_5	172_0460	A	5	6
V2LHS_167505_6	172_0600	A	1	2
V2LHS_134600_6	172_0518	G	1	1
V2LHS_106619_2	172_0168	G	7	1
V2LHS_63902_3	172_0201	C	5	6
V2LHS_61367_3	172_0205	B	5	5
V2LHS_37391_4	172_0308	A	2	5
V2LHS_14919_1	172_0074	D	5	2
V2LHS_254509_3	172_0263	B	1	4
V2LHS_51279_2	172_0157	G	7	5
V2LHS_214324_3	172_0270	G	8	3
V2LHS_230420_3	172_0227	C	7	4
V2LHS_179066_6	172_0545	D	5	2
V2LHS_74735_3	172_0284	E	6	6
V2LHS_226721_3	172_0276	D	10	4
V2LHS_231422_6	172_0600	A	1	4
V2LHS_73063_2	172_0110	A	2	6
V2LHS_184102_5	172_0457	F	7	3
V2LHS_100338_5	172_0474	A	5	1
V2LHS_49187_2	172_0139	D	4	5
V2LHS_252137_4	172_0347	C	9	4
V2LHS_268268_3	172_0296	E	1	4
V2LHS_262301_2	172_0102	C	6	4

V2LHS_122751_6	172_0531	G	8	1
V2LHS_225841_1	172_0042	C	9	4
V2LHS_63920_5	172_0432	G	10	6
V2LHS_102962_6	172_0510	G	7	1
V2LHS_88958_6	172_0508	E	7	6
V2LHS_243283_6	172_0584	A	1	4
V2LHS_52502_4	172_0362	D	4	5
V2LHS_239073_1	172_0059	B	10	4
V2LHS_54440_4	172_0376	C	5	5
V2LHS_235550_1	172_0080	H	10	4
V2LHS_276279_2	172_0111	E	8	4
V2LHS_3265_1	172_0014	H	7	5
V2LHS_237521_3	172_0254	G	4	4
V2LHS_36000_4	172_0364	F	11	5
V2LHS_29133_1	172_0064	B	1	5
V2LHS_113044_1	172_0037	G	7	1
V2LHS_230429_1	172_0026	A	5	4
V2LHS_70241_1	172_0080	F	5	6
V2LHS_64019_1	172_0024	H	11	6
V2LHS_269035_3	172_0271	E	9	4
V2LHS_35607_6	172_0514	G	1	5
V2LHS_72351_3	172_0248	D	6	6
V2LHS_214562_1	172_0033	C	12	3
V2LHS_80101_2	172_0150	D	4	6
V2LHS_55851_1	172_0070	A	12	5
V2LHS_57660_6	172_0569	F	8	5
V2LHS_88895_5	172_0484	A	5	6
V2LHS_107114_4	172_0385	C	6	1
V2LHS_107136_4	172_0323	C	6	1
V2LHS_238300_3	172_0217	E	8	4
V2LHS_35156_5	172_0499	G	8	5
V2LHS_103252_4	172_0386	E	5	1
V2LHS_35955_6	172_0537	G	1	5
V2LHS_94437_6	172_0528	D	7	6
V2LHS_94959_3	172_0241	E	6	6
V2LHS_124702_4	172_0327	H	2	1
V2LHS_106679_5	172_0477	G	11	1
V2LHS_45169_3	172_0231	C	6	5
V2LHS_51907_6	172_0593	H	11	5
V2LHS_64495_4	172_0364	F	9	6
V2LHS_258260_1	172_0093	E	5	4
V2LHS_235287_2	172_0141	C	3	4
V2LHS_184192_4	172_0334	A	5	3
V2LHS_66673_6	172_0503	A	3	6
V2LHS_138523_1	172_0037	G	7	1
V2LHS_29152_2	172_0170	H	10	5
V2LHS_12416_2	172_0181	C	5	1
V2LHS_134020_2	172_0185	H	12	1
V2LHS_151886_5	172_0488	H	10	2
V2LHS_238414_4	172_0374	F	1	4

V2LHS_226276_5	172_0439	H	10	4
V2LHS_14719_5	172_0481	B	7	2
V2LHS_211966_4	172_0335	F	8	3
V2LHS_253448_2	172_0105	F	8	4
V2LHS_29249_6	172_0515	B	5	5
V2LHS_26662_3	172_0224	C	2	4
V2LHS_238737_2	172_0137	B	11	4
V2LHS_107902_5	172_0412	B	12	1
V2LHS_233605_3	172_0276	C	9	4
V2LHS_112290_5	172_0405	G	12	1
V2LHS_11476_1	172_0052	B	4	1
V2LHS_36214_3	172_0288	A	7	5
V2LHS_61378_6	172_0511	F	6	5
V2LHS_178938_4	172_0367	B	12	2
V2LHS_271064_2	172_0107	G	2	4
V2LHS_25906_3	172_0209	G	10	4
V2LHS_259075_1	172_0094	B	10	4
V2LHS_195839_5	172_0422	C	9	3
V2LHS_74683_5	172_0471	H	9	6
V2LHS_257603_6	172_0516	E	3	4
V2LHS_87390_2	172_0135	C	12	6
V2LHS_16709_6	172_0542	D	6	2
V2LHS_67396_1	172_0051	D	12	6
V2LHS_250894_2	172_0145	H	1	4
V2LHS_184501_6	172_0559	C	11	3
V2LHS_47945_5	172_0468	B	6	5
V2LHS_260513_5	172_0429	H	12	4
V2LHS_111418_4	172_0376	E	8	1
V2LHS_123923_6	172_0559	G	7	1
V2LHS_145428_4	172_0392	C	1	2
V2LHS_65590_5	172_0476	B	1	6
V2LHS_226933_6	172_0537	D	5	4
V2LHS_285324_2	172_0123	C	5	5
V2LHS_49517_3	172_0300	C	6	5
V2LHS_54001_4	172_0328	D	7	5
V2LHS_116278_1	172_0016	F	5	1
V2LHS_87297_3	172_0234	G	2	6
V2LHS_60672_6	172_0581	E	8	5
V2LHS_29300_3	172_0254	B	8	5
V2LHS_148108_5	172_0428	E	5	2
V2LHS_99941_2	172_0104	F	1	6
V2LHS_241673_1	172_0070	F	3	4
V2LHS_272122_2	172_0195	D	2	4
V2LHS_237273_4	172_0395	E	10	4
V2LHS_145006_3	172_0244	B	4	2
V2LHS_230597_5	172_0499	F	6	4
V2LHS_82233_5	172_0447	F	8	6
V2LHS_226855_5	172_0472	E	2	4
V2LHS_236378_4	172_0384	H	11	4
V2LHS_124857_4	172_0370	A	11	1

V2LHS_61358_1	172_0005	A	8	5
V2LHS_39112_6	172_0514	A	1	5
V2LHS_132951_2	172_0128	F	2	1
V2LHS_211093_4	172_0400	D	6	3
V2LHS_241689_6	172_0594	F	7	4
V2LHS_65304_1	172_0070	E	3	6
V2LHS_46351_1	172_0031	E	7	5
V2LHS_93051_3	172_0222	C	2	6
V2LHS_70495_3	172_0254	C	10	6
V2LHS_84473_4	172_0369	B	11	6
V2LHS_122376_2	172_0160	G	10	1
V2LHS_241896_2	172_0117	F	9	4
V2LHS_39233_4	172_0312	B	2	5
V2LHS_38708_5	172_0430	C	5	5
V2LHS_185488_5	172_0467	C	4	3
V2LHS_92325_6	172_0513	D	9	6
V2LHS_184224_2	172_0191	F	4	3
V2LHS_114982_4	172_0397	D	6	1
V2LHS_44225_5	172_0402	H	8	5
V2LHS_133264_1	172_0062	D	7	1
V2LHS_57405_5	172_0467	B	8	5
V2LHS_116692_6	172_0576	A	4	1
V2LHS_239184_3	172_0204	A	1	4
V2LHS_52424_3	172_0225	D	1	5
V2LHS_48888_6	172_0577	A	11	5
V2LHS_58830_1	172_0048	E	8	5
V2LHS_29601_5	172_0453	D	7	5
V2LHS_177395_2	172_0180	F	11	2
V2LHS_103350_6	172_0531	A	2	1
V2LHS_132912_5	172_0490	F	6	1
V2LHS_107277_6	172_0539	F	6	1
V2LHS_269994_5	172_0461	A	2	4
V2LHS_254981_1	172_0087	D	8	4
V2LHS_140446_4	172_0327	D	2	1
V2LHS_238564_2	172_0183	F	8	4
V2LHS_266000_6	172_0586	G	12	4
V2LHS_156400_6	172_0527	D	4	2
V2LHS_226331_1	172_0043	B	1	4
V2LHS_29396_6	172_0510	F	6	5
V2LHS_250200_2	172_0199	D	12	4
V2LHS_27565_3	172_0282	F	5	4
V2LHS_136637_3	172_0299	F	9	1
V2LHS_268819_1	172_0090	E	4	4
V2LHS_90360_6	172_0584	B	11	6
V2LHS_76649_6	172_0562	G	10	6
V2LHS_59927_4	172_0352	B	10	5
V2LHS_92977_5	172_0459	F	8	6
V2LHS_56894_4	172_0321	E	8	5
V2LHS_23428_1	172_0013	E	3	4
V2LHS_70676_5	172_0430	A	11	6

V2LHS_235512_5	172_0458	A	7	4
V2LHS_95437_2	172_0198	A	8	6
V2LHS_40381_1	172_0009	H	5	5
V2LHS_16079_2	172_0129	C	2	2
V2LHS_108554_3	172_0210	G	3	1
V2LHS_33177_1	172_0071	H	4	5
V2LHS_55770_4	172_0351	B	3	5
V2LHS_255074_6	172_0592	B	6	4
V2LHS_5665_1	172_0097	D	5	5
V2LHS_265601_6	172_0544	C	10	4
V2LHS_241020_1	172_0080	G	12	4
V2LHS_80182_4	172_0340	G	8	6
V2LHS_45386_4	172_0326	E	4	5
V2LHS_55172_6	172_0572	H	6	5
V2LHS_56406_4	172_0347	H	8	5
V2LHS_106784_5	172_0404	D	1	1
V2LHS_207989_6	172_0517	G	10	3
V2LHS_67107_4	172_0331	D	4	6
V2LHS_215061_5	172_0496	G	6	3
V2LHS_95758_5	172_0424	C	8	6
V2LHS_29618_2	172_0162	D	4	5
V2LHS_98078_1	172_0032	A	7	6
V2LHS_21265_6	172_0594	E	8	3
V2LHS_9836_2	172_0111	G	2	6
V2LHS_47533_1	172_0051	F	2	5
V2LHS_171272_5	172_0410	C	7	2
V2LHS_25532_2	172_0128	D	5	4
V2LHS_271843_2	172_0110	E	8	4
V2LHS_61658_5	172_0460	A	5	6
V2LHS_59653_2	172_0199	G	12	5
V2LHS_98979_1	172_0032	G	11	6
V2LHS_22360_4	172_0313	D	7	4
V2LHS_259109_4	172_0324	D	6	4
V2LHS_77265_3	172_0211	C	2	6
V2LHS_223802_4	172_0334	F	8	4
V2LHS_242130_3	172_0265	B	10	4
V2LHS_48768_1	172_0034	E	12	5
V2LHS_142348_6	172_0507	E	7	1
V2LHS_61491_3	172_0227	H	4	5
V2LHS_243379_4	172_0356	E	9	4
V2LHS_177198_2	172_0167	A	12	2
V2LHS_274190_5	172_0485	A	10	4
V2LHS_84286_3	172_0238	D	8	6
V2LHS_235576_1	172_0027	C	1	4
V2LHS_57231_5	172_0457	B	8	5
V2LHS_242337_3	172_0275	H	11	4
V2LHS_81446_2	172_0134	G	6	6
V2LHS_276961_3	172_0277	A	6	4
V2LHS_69650_4	172_0331	G	8	6
V2LHS_160268_5	172_0457	D	8	2

V2LHS_25212_3	172_0201	A	6	4
V2LHS_151360_1	172_0059	F	6	2
V2LHS_23689_1	172_0058	F	1	4
V2LHS_230201_6	172_0578	E	1	4
V2LHS_236871_1	172_0069	E	7	4
V2LHS_147308_1	172_0076	C	3	2
V2LHS_36935_5	172_0479	E	7	5
V2LHS_60644_1	172_0050	E	5	5
V2LHS_4531_1	172_0029	A	3	5
V2LHS_65635_3	172_0255	E	10	6
V2LHS_61807_5	172_0419	F	2	6
V2LHS_133869_5	172_0419	C	12	1
V2LHS_104460_3	172_0289	C	9	1
V2LHS_100098_6	172_0518	A	1	1
V2LHS_99249_1	172_0085	H	1	6
V2LHS_118920_6	172_0556	F	7	1
V2LHS_94578_5	172_0406	B	12	6
V2LHS_238907_6	172_0566	G	6	4
V2LHS_96902_3	172_0265	G	9	6
V2LHS_36930_6	172_0506	B	1	5
V2LHS_266421_1	172_0090	H	9	4
V2LHS_80448_1	172_0021	F	8	6
V2LHS_147713_3	172_0257	C	12	2
V2LHS_91005_5	172_0440	H	4	6
V2LHS_192608_2	172_0148	E	7	3
V2LHS_21179_4	172_0382	A	1	3
V2LHS_266762_6	172_0549	G	5	4
V2LHS_81609_2	172_0103	E	3	6
V2LHS_248838_2	172_0184	E	6	4
V2LHS_230785_1	172_0046	A	6	4
V2LHS_184674_3	172_0243	B	2	3
V2LHS_87990_3	172_0221	H	9	6
V2LHS_84074_3	172_0236	G	10	6
V2LHS_54986_1	172_0005	A	4	5
V2LHS_230810_1	172_0035	D	12	4
V2LHS_284293_2	172_0192	A	8	5
V2LHS_56040_2	172_0162	D	1	5
V2LHS_72426_4	172_0325	A	5	6
V2LHS_236238_1	172_0040	E	7	4
V2LHS_61757_3	172_0220	E	5	6
V2LHS_154041_3	172_0254	F	8	2
V2LHS_223787_1	172_0100	H	9	4
V2LHS_255577_1	172_0088	F	4	4
V2LHS_29436_1	172_0006	C	2	5
V2LHS_284067_5	172_0463	A	5	5
V2LHS_38578_3	172_0234	A	6	5
V2LHS_224067_1	172_0037	C	11	4
V2LHS_227667_4	172_0394	G	7	4
V2LHS_74067_1	172_0096	C	3	6
V2LHS_121059_1	172_0052	F	5	1

V2LHS_148469_5	172_0457	G	9	2
V2LHS_39353_4	172_0346	G	12	5
V2LHS_11032_1	172_0021	C	4	1
V2LHS_114027_4	172_0321	F	3	1
V2LHS_25206_5	172_0409	B	8	4
V2LHS_61342_3	172_0234	D	9	5
V2LHS_29437_1	172_0066	F	7	5
V2LHS_225398_1	172_0049	H	5	4
V2LHS_121575_1	172_0091	F	10	1
V2LHS_67152_3	172_0281	A	4	6
V2LHS_87333_6	172_0592	F	10	6
V2LHS_226407_1	172_0084	B	7	4
V2LHS_33300_6	172_0513	F	1	5
V2LHS_271282_2	172_0188	A	7	4
V2LHS_184691_2	172_0196	B	3	3
V2LHS_29456_4	172_0301	F	3	5
V2LHS_239511_4	172_0344	D	7	4
V2LHS_258434_2	172_0144	D	10	4
V2LHS_262688_6	172_0505	E	8	4
V2LHS_96818_1	172_0100	G	10	6
V2LHS_39656_2	172_0154	D	8	5
V2LHS_141399_5	172_0446	D	5	1
V2LHS_69228_5	172_0476	C	8	6
V2LHS_94692_5	172_0465	H	3	6
V2LHS_88045_4	172_0397	B	3	6
V2LHS_76758_1	172_0062	D	5	6
V2LHS_42591_6	172_0507	D	6	5
V2LHS_126446_6	172_0588	B	8	1
V2LHS_64516_5	172_0496	E	3	6
V2LHS_1812_1	172_0059	E	4	2
V2LHS_57343_4	172_0397	E	8	5
V2LHS_126102_1	172_0010	H	10	1
V2LHS_50026_6	172_0581	G	4	5
V2LHS_27790_3	172_0273	G	10	4
V2LHS_69194_6	172_0566	E	3	6
V2LHS_246244_6	172_0538	A	2	4
V2LHS_258725_3	172_0271	C	1	4
V2LHS_72804_3	172_0207	D	7	6
V2LHS_262187_5	172_0454	B	5	4
V2LHS_69199_2	172_0111	E	9	6
V2LHS_200486_6	172_0501	E	5	3
V2LHS_36729_2	172_0183	D	6	5
V2LHS_9774_1	172_0070	B	7	6
V2LHS_50128_4	172_0371	E	3	5
V2LHS_95569_6	172_0574	G	1	6
V2LHS_46927_1	172_0027	B	8	5
V2LHS_151409_1	172_0014	F	1	2
V2LHS_188056_5	172_0426	D	7	3
V2LHS_69232_5	172_0422	G	6	6
V2LHS_252831_5	172_0463	A	8	4

V2LHS_262177_6	172_0564	C	12	4
V2LHS_61400_1	172_0043	G	1	5
V2LHS_114653_4	172_0386	B	5	1
V2LHS_253862_2	172_0172	G	1	4
V2LHS_249850_5	172_0448	C	2	4
V2LHS_260143_2	172_0169	E	8	4
V2LHS_285313_2	172_0179	F	10	5
V2LHS_277081_3	172_0230	E	2	4
V2LHS_99464_6	172_0543	D	3	6
V2LHS_258262_5	172_0491	G	10	4
V2LHS_271778_2	172_0164	D	2	4
V2LHS_33172_5	172_0491	D	9	5
V2LHS_103829_1	172_0041	D	5	1
V2LHS_79198_1	172_0016	G	7	6
V2LHS_53582_3	172_0248	C	5	5
V2LHS_231147_1	172_0089	G	12	4
V2LHS_161175_3	172_0201	E	5	2
V2LHS_153000_4	172_0339	E	6	2
V2LHS_62187_6	172_0563	C	1	6
V2LHS_234135_5	172_0409	G	8	4
V2LHS_227137_1	172_0098	D	6	4
V2LHS_229104_1	172_0078	F	8	4
V2LHS_226541_1	172_0043	D	5	4
V2LHS_277345_2	172_0148	G	11	4
V2LHS_227114_3	172_0250	D	10	4
V2LHS_32851_5	172_0443	A	10	5
V2LHS_122480_1	172_0012	G	10	1
V2LHS_33589_6	172_0532	F	3	5
V2LHS_69266_3	172_0242	C	9	6
V2LHS_73165_5	172_0500	B	2	6
V2LHS_75088_5	172_0468	E	6	6
V2LHS_241125_5	172_0451	A	11	4
V2LHS_156333_6	172_0530	H	12	2
V2LHS_247301_6	172_0572	A	4	4
V2LHS_56405_6	172_0529	G	7	5
V2LHS_114299_6	172_0522	E	1	1
V2LHS_4840_1	172_0043	G	11	5
V2LHS_239056_5	172_0433	H	2	4
V2LHS_147952_4	172_0382	E	11	2
V2LHS_38000_1	172_0040	H	12	5
V2LHS_48151_3	172_0234	B	7	5
V2LHS_105315_5	172_0490	E	8	1
V2LHS_270933_4	172_0354	G	8	4
V2LHS_111861_4	172_0399	A	1	1
V2LHS_92571_6	172_0595	E	7	6
V2LHS_186106_1	172_0079	E	6	3
V2LHS_29835_2	172_0165	G	11	5
V2LHS_128347_6	172_0574	A	9	1
V2LHS_265697_6	172_0531	F	6	4
V2LHS_234148_5	172_0436	B	2	4

V2LHS_32291_4	172_0374	E	7	5
V2LHS_285747_5	172_0467	A	10	5
V2LHS_269906_6	172_0501	H	2	4
V2LHS_234150_2	172_0127	H	9	4
V2LHS_238627_1	172_0036	D	1	4
V2LHS_238236_5	172_0415	E	7	4
V2LHS_112891_6	172_0567	D	12	1
V2LHS_64119_3	172_0252	H	1	6
V2LHS_47680_6	172_0598	H	7	5
V2LHS_58432_4	172_0345	F	10	5
V2LHS_1328_1	172_0054	F	3	1
V2LHS_56918_3	172_0240	D	7	5
V2LHS_275380_2	172_0111	A	7	4
V2LHS_69413_4	172_0381	B	10	6
V2LHS_61018_5	172_0459	E	12	5
V2LHS_130036_5	172_0425	B	7	1
V2LHS_251561_6	172_0520	A	6	4
V2LHS_87224_2	172_0131	G	5	6
V2LHS_22648_6	172_0562	H	2	4
V2LHS_84012_3	172_0289	H	9	6
V2LHS_137819_5	172_0494	A	11	1
V2LHS_100563_1	172_0052	F	6	1
V2LHS_277283_2	172_0179	D	8	4
V2LHS_262147_1	172_0099	C	8	4
V2LHS_117433_6	172_0569	B	5	1
V2LHS_90966_6	172_0589	B	6	6
V2LHS_132783_4	172_0305	C	5	1
V2LHS_77236_5	172_0446	C	5	6
V2LHS_262100_3	172_0236	G	2	4
V2LHS_99279_4	172_0380	A	10	6
V2LHS_130140_4	172_0378	E	4	1
V2LHS_132180_2	172_0192	D	6	1
V2LHS_127047_6	172_0560	G	6	1
V2LHS_235337_1	172_0063	B	8	4
V2LHS_32521_4	172_0370	G	11	5
V2LHS_115093_3	172_0226	C	7	1
V2LHS_32312_4	172_0345	A	11	5
V2LHS_41308_4	172_0337	G	7	5
V2LHS_258541_6	172_0532	G	3	4
V2LHS_74146_4	172_0379	G	6	6
V2LHS_266329_5	172_0426	E	12	4
V2LHS_56310_2	172_0168	F	11	5
V2LHS_174569_3	172_0239	D	5	2
V2LHS_32319_6	172_0514	H	12	5
V2LHS_64035_1	172_0074	F	7	6
V2LHS_56300_6	172_0585	C	5	5
V2LHS_84085_3	172_0298	A	7	6
V2LHS_69320_2	172_0138	A	4	6
V2LHS_69739_2	172_0142	F	2	6
V2LHS_210097_5	172_0488	F	10	3

V2LHS_98698_2	172_0119	C	9	6
V2LHS_23184_5	172_0434	C	10	4
V2LHS_23514_4	172_0356	A	4	4
V2LHS_147421_5	172_0416	D	2	2
V2LHS_56460_1	172_0065	D	4	5
V2LHS_44663_3	172_0206	E	8	5
V2LHS_275504_5	172_0402	E	6	4
V2LHS_130844_1	172_0027	A	4	1
V2LHS_256690_2	172_0103	A	6	4
V2LHS_242592_6	172_0555	C	2	4
V2LHS_181636_4	172_0329	H	7	3
V2LHS_227037_2	172_0163	E	7	4
V2LHS_23358_5	172_0450	C	4	4
V2LHS_285009_2	172_0159	H	9	5
V2LHS_86283_6	172_0544	D	5	6
V2LHS_64780_6	172_0569	A	11	6
V2LHS_251885_2	172_0197	E	11	4
V2LHS_26799_4	172_0400	H	7	4
V2LHS_155320_2	172_0136	C	11	2
V2LHS_66751_3	172_0224	G	9	6
V2LHS_255955_1	172_0098	F	1	4
V2LHS_230212_3	172_0211	F	10	4
V2LHS_45689_5	172_0478	C	5	5
V2LHS_124052_5	172_0425	H	1	1
V2LHS_133156_3	172_0263	H	6	1
V2LHS_84013_3	172_0272	B	9	6
V2LHS_123886_4	172_0378	D	7	1
V2LHS_184233_2	172_0177	B	7	3
V2LHS_21347_6	172_0591	C	5	3
V2LHS_107985_4	172_0366	C	7	1
V2LHS_147400_5	172_0456	B	11	2
V2LHS_43440_1	172_0046	E	6	5
V2LHS_151282_3	172_0239	G	11	2
V2LHS_244686_4	172_0379	F	3	4
V2LHS_285550_3	172_0257	E	9	5
V2LHS_88193_4	172_0384	C	1	6
V2LHS_226608_2	172_0188	G	11	4
V2LHS_45918_6	172_0585	E	6	5
V2LHS_266157_5	172_0406	B	5	4
V2LHS_50407_5	172_0499	D	8	5
V2LHS_59443_2	172_0128	H	11	5
V2LHS_70086_3	172_0226	E	12	6
V2LHS_193067_4	172_0323	A	8	3
V2LHS_239899_6	172_0556	B	1	4
V2LHS_69618_1	172_0007	A	1	6
V2LHS_45896_1	172_0034	H	9	5
V2LHS_99488_2	172_0123	E	8	6
V2LHS_81819_5	172_0487	D	12	6
V2LHS_32355_5	172_0439	G	7	5
V2LHS_257604_1	172_0083	F	7	4

V2LHS_22031_2	172_0117	H	10	3
V2LHS_235166_2	172_0138	G	6	4
V2LHS_61724_1	172_0051	A	11	6
V2LHS_116405_5	172_0429	C	1	1
V2LHS_33590_3	172_0274	B	11	5
V2LHS_161709_5	172_0464	E	11	2
V2LHS_104976_1	172_0017	B	4	1
V2LHS_42441_5	172_0415	D	10	5
V2LHS_27353_4	172_0349	D	10	4
V2LHS_262473_6	172_0527	B	7	4
V2LHS_100847_3	172_0213	D	6	1
V2LHS_140530_5	172_0403	E	8	1
V2LHS_275377_2	172_0116	F	1	4
V2LHS_97848_3	172_0240	A	6	6
V2LHS_34240_2	172_0186	D	5	5
V2LHS_232684_3	172_0233	C	5	4
V2LHS_148314_1	172_0048	E	7	2
V2LHS_231818_3	172_0243	D	7	4
V2LHS_181496_5	172_0414	C	11	3
V2LHS_9120_1	172_0005	F	6	6
V2LHS_21417_2	172_0143	E	7	3
V2LHS_44528_4	172_0380	H	6	5
V2LHS_25028_3	172_0203	D	5	4
V2LHS_250498_3	172_0230	A	6	4
V2LHS_132558_4	172_0306	A	12	1
V2LHS_241625_1	172_0081	D	8	4
V2LHS_130310_1	172_0035	B	4	1
V2LHS_272931_4	172_0383	D	10	4
V2LHS_232411_1	172_0023	E	4	4
V2LHS_49072_1	172_0042	H	2	5
V2LHS_51281_3	172_0243	E	7	5
V2LHS_168525_4	172_0373	G	3	2
V2LHS_91264_6	172_0585	E	7	6
V2LHS_45756_5	172_0455	B	3	5
V2LHS_228003_5	172_0491	G	6	4
V2LHS_121012_4	172_0335	D	5	1
V2LHS_285991_3	172_0203	G	8	5
V2LHS_252968_5	172_0473	F	11	4
V2LHS_126370_5	172_0444	C	10	1
V2LHS_23216_5	172_0404	E	8	4
V2LHS_65116_1	172_0026	D	2	6
V2LHS_162601_2	172_0163	B	3	2
V2LHS_228000_5	172_0432	A	6	4
V2LHS_80727_2	172_0169	F	8	6
V2LHS_17147_4	172_0348	C	9	2
V2LHS_86628_4	172_0339	G	1	6
V2LHS_35968_4	172_0315	D	10	5
V2LHS_69366_6	172_0540	C	2	6
V2LHS_234224_3	172_0207	A	4	4
V2LHS_32765_3	172_0264	G	4	5

V2LHS_40763_3	172_0247	E	7	5
V2LHS_233942_1	172_0046	B	4	4
V2LHS_266692_5	172_0467	E	1	4
V2LHS_57102_6	172_0574	F	11	5
V2LHS_103821_5	172_0457	E	10	1
V2LHS_222899_4	172_0387	H	10	3
V2LHS_238440_3	172_0204	C	3	4
V2LHS_266450_4	172_0366	E	8	4
V2LHS_114925_6	172_0567	G	11	1
V2LHS_52083_2	172_0169	C	1	5
V2LHS_117458_3	172_0245	F	7	1
V2LHS_56108_3	172_0253	D	2	5
V2LHS_239134_4	172_0385	D	1	4
V2LHS_58899_1	172_0038	B	4	5
V2LHS_64294_3	172_0291	F	4	6
V2LHS_43502_4	172_0390	B	5	5
V2LHS_52418_4	172_0345	A	11	5
V2LHS_202176_6	172_0543	E	7	3
V2LHS_106830_4	172_0373	F	3	1
V2LHS_24392_4	172_0344	D	8	4
V2LHS_50507_2	172_0133	B	4	5
V2LHS_50444_4	172_0365	F	3	5
V2LHS_39982_2	172_0145	H	5	5
V2LHS_88305_3	172_0288	C	5	6
V2LHS_193266_6	172_0505	G	4	3
V2LHS_56141_5	172_0456	D	10	5
V2LHS_276334_2	172_0190	E	3	4
V2LHS_277708_2	172_0191	D	11	4
V2LHS_93273_4	172_0323	A	7	6
V2LHS_60347_3	172_0222	E	11	5
V2LHS_230219_1	172_0039	B	1	4
V2LHS_111968_4	172_0389	E	4	1
V2LHS_264822_5	172_0411	E	10	4
V2LHS_220420_2	172_0127	C	9	3
V2LHS_271917_3	172_0235	D	5	4
V2LHS_25482_4	172_0382	C	5	4
V2LHS_54161_2	172_0103	D	11	5
V2LHS_95371_5	172_0424	D	4	6
V2LHS_71498_5	172_0467	D	6	6
V2LHS_35232_6	172_0534	D	5	5
V2LHS_209957_2	172_0140	H	12	3
V2LHS_32840_5	172_0484	H	9	5
V2LHS_256610_4	172_0353	E	5	4
V2LHS_40002_6	172_0596	D	5	5
V2LHS_83674_3	172_0212	A	7	6
V2LHS_277892_3	172_0243	A	8	4
V2LHS_231136_5	172_0412	C	4	4
V2LHS_33030_1	172_0002	F	3	5
V2LHS_138635_5	172_0487	C	7	1
V2LHS_254872_3	172_0233	F	4	4

V2LHS_268008_2	172_0146	G	1	4
V2LHS_274355_5	172_0495	H	11	4
V2LHS_58069_6	172_0542	D	5	5
V2LHS_35646_6	172_0562	B	4	5
V2LHS_61642_3	172_0218	B	11	6
V2LHS_36418_1	172_0035	E	8	5
V2LHS_61304_3	172_0284	D	7	5
V2LHS_248725_3	172_0234	C	2	4
V2LHS_237627_1	172_0044	G	3	4
V2LHS_25608_3	172_0298	G	11	4
V2LHS_238638_2	172_0188	A	4	4
V2LHS_89894_6	172_0578	B	8	6
V2LHS_92115_5	172_0494	H	12	6
V2LHS_76139_6	172_0600	D	1	6
V2LHS_264617_2	172_0103	C	9	4
V2LHS_129942_2	172_0103	A	2	1
V2LHS_60536_6	172_0539	C	10	5
V2LHS_91567_6	172_0549	D	2	6
V2LHS_53324_3	172_0250	B	7	5
V2LHS_95346_5	172_0420	G	12	6
V2LHS_89886_6	172_0582	D	9	6
V2LHS_202798_5	172_0438	E	7	3
V2LHS_50014_4	172_0393	D	6	5
V2LHS_164916_4	172_0303	E	5	2
V2LHS_235364_1	172_0037	C	7	4
V2LHS_34487_1	172_0032	F	6	5
V2LHS_254498_5	172_0441	C	5	4
V2LHS_239042_5	172_0405	E	1	4
V2LHS_67369_4	172_0362	D	12	6
V2LHS_83321_6	172_0582	A	1	6
V2LHS_83954_5	172_0464	E	4	6
V2LHS_109819_2	172_0135	A	5	1
V2LHS_259407_6	172_0562	E	9	4
V2LHS_67605_6	172_0597	H	1	6
V2LHS_76084_2	172_0160	G	5	6
V2LHS_113189_2	172_0106	G	9	1
V2LHS_7004_1	172_0019	E	2	6
V2LHS_83014_1	172_0017	E	2	6
V2LHS_72739_4	172_0360	G	5	6
V2LHS_64738_6	172_0581	C	4	6
V2LHS_35331_3	172_0247	E	9	5
V2LHS_76739_3	172_0249	E	4	6
V2LHS_39499_6	172_0594	G	11	5
V2LHS_26804_3	172_0278	G	9	4
V2LHS_137432_2	172_0185	B	8	1
V2LHS_271510_4	172_0327	B	3	4
V2LHS_270418_2	172_0166	A	9	4
V2LHS_245821_3	172_0272	H	8	4
V2LHS_39600_5	172_0470	D	8	5
V2LHS_60854_4	172_0362	D	6	5

V2LHS_66772_5	172_0424	G	3	6
V2LHS_40012_4	172_0389	G	12	5
V2LHS_75758_1	172_0014	F	9	6
V2LHS_195886_4	172_0393	A	7	3
V2LHS_24522_3	172_0238	F	10	4
V2LHS_269900_4	172_0393	F	7	4
V2LHS_99386_5	172_0413	C	9	6
V2LHS_81076_5	172_0429	F	3	6
V2LHS_48699_4	172_0372	B	12	5
V2LHS_126835_2	172_0162	E	4	1
V2LHS_187559_6	172_0595	C	3	3
V2LHS_95283_6	172_0542	F	3	6
V2LHS_114555_2	172_0102	F	5	1
V2LHS_96940_5	172_0437	G	9	6
V2LHS_33057_5	172_0483	A	3	5
V2LHS_24286_4	172_0314	H	6	4
V2LHS_95868_2	172_0174	H	4	6
V2LHS_273647_2	172_0149	E	11	4
V2LHS_72298_3	172_0282	E	8	6
V2LHS_46851_1	172_0007	G	1	5
V2LHS_277363_2	172_0149	A	11	4
V2LHS_78297_4	172_0358	C	11	6
V2LHS_268731_5	172_0423	F	4	4
V2LHS_98712_3	172_0288	A	3	6
V2LHS_131982_5	172_0403	A	12	1
V2LHS_234248_3	172_0203	B	5	4
V2LHS_83234_5	172_0404	E	7	6
V2LHS_252900_4	172_0393	H	12	4
V2LHS_223728_6	172_0551	A	4	4
V2LHS_206394_2	172_0157	H	8	3
V2LHS_79725_2	172_0170	E	8	6
V2LHS_35389_6	172_0584	C	10	5
V2LHS_57426_4	172_0368	C	11	5
V2LHS_48680_4	172_0309	D	7	5
V2LHS_237745_1	172_0036	H	6	4
V2LHS_28503_1	172_0046	D	3	5
V2LHS_251031_4	172_0360	B	10	4
V2LHS_32856_3	172_0239	G	12	5
V2LHS_24578_2	172_0101	B	9	4
V2LHS_98237_2	172_0131	C	2	6
V2LHS_45063_3	172_0300	D	11	5
V2LHS_199668_6	172_0535	G	7	3
V2LHS_51109_2	172_0135	G	11	5
V2LHS_269521_1	172_0088	E	10	4
V2LHS_237760_3	172_0261	B	1	4
V2LHS_49710_2	172_0171	D	3	5
V2LHS_71619_6	172_0527	E	8	6
V2LHS_267985_4	172_0341	H	10	4
V2LHS_235111_3	172_0221	D	6	4
V2LHS_35979_2	172_0155	E	1	5

V2LHS_67834_6	172_0518	E	10	6
V2LHS_33166_1	172_0057	A	5	5
V2LHS_203112_4	172_0399	H	6	3
V2LHS_136185_1	172_0008	E	3	1
V2LHS_147803_2	172_0122	G	7	2
V2LHS_122146_4	172_0379	A	7	1
V2LHS_276132_5	172_0446	C	7	4
V2LHS_248154_1	172_0097	H	11	4
V2LHS_237827_4	172_0376	F	2	4
V2LHS_237852_3	172_0247	A	10	4
V2LHS_40434_6	172_0504	A	10	5
V2LHS_71660_3	172_0252	E	9	6
V2LHS_71679_2	172_0101	E	1	6
V2LHS_237888_5	172_0477	C	12	4
V2LHS_180294_3	172_0231	C	8	2
V2LHS_33582_6	172_0525	G	11	5
V2LHS_111437_1	172_0047	D	5	1
V2LHS_35536_3	172_0267	D	10	5
V2LHS_67880_2	172_0192	H	11	6
V2LHS_76587_5	172_0468	H	11	6
V2LHS_237906_2	172_0158	D	4	4
V2LHS_276141_2	172_0180	A	6	4
V2LHS_85049_3	172_0239	F	7	6
V2LHS_72199_1	172_0056	F	11	6
V2LHS_59001_2	172_0142	D	3	5
V2LHS_237910_3	172_0233	F	12	4
V2LHS_53292_3	172_0230	B	9	5
V2LHS_172232_1	172_0079	E	8	2
V2LHS_35561_6	172_0567	G	10	5
V2LHS_60969_1	172_0057	C	1	5
V2LHS_198334_4	172_0316	F	6	3
V2LHS_125446_5	172_0416	A	7	1
V2LHS_54844_1	172_0001	A	6	5
V2LHS_7173_1	172_0075	H	7	6
V2LHS_243591_2	172_0198	C	12	4
V2LHS_113345_6	172_0565	G	11	1
V2LHS_71732_3	172_0248	G	2	6
V2LHS_257219_2	172_0162	F	5	4
V2LHS_97555_2	172_0111	D	6	6
V2LHS_56299_5	172_0462	A	12	5
V2LHS_43029_3	172_0218	G	2	5
V2LHS_127117_2	172_0150	H	7	1
V2LHS_2853_2	172_0117	F	10	5
V2LHS_93688_3	172_0266	G	1	6
V2LHS_243046_3	172_0274	C	3	4
V2LHS_99422_5	172_0409	B	9	6
V2LHS_71961_4	172_0346	G	4	6
V2LHS_56664_1	172_0050	B	8	5
V2LHS_74836_5	172_0470	E	11	6
V2LHS_276993_2	172_0126	C	7	4

V2LHS_254992_5	172_0445	G	8	4
V2LHS_242897_6	172_0525	G	4	4
V2LHS_75121_6	172_0537	A	10	6
V2LHS_100246_2	172_0159	H	3	1
V2LHS_109037_3	172_0299	C	5	1
V2LHS_84956_6	172_0593	F	11	6
V2LHS_51130_3	172_0283	D	9	5
V2LHS_155431_2	172_0173	G	11	2
V2LHS_27787_4	172_0312	C	12	4
V2LHS_128193_3	172_0278	E	7	1
V2LHS_74550_2	172_0135	E	2	6
V2LHS_251676_2	172_0153	C	5	4
V2LHS_257161_3	172_0254	F	3	4
V2LHS_242210_5	172_0443	D	6	4
V2LHS_227618_4	172_0328	G	8	4
V2LHS_35320_5	172_0414	B	11	5
V2LHS_257114_6	172_0560	B	6	4
V2LHS_277447_2	172_0177	D	5	4
V2LHS_277654_2	172_0152	F	12	4
V2LHS_174708_5	172_0459	G	12	2
V2LHS_147725_1	172_0009	A	11	2
V2LHS_168612_6	172_0590	F	6	2
V2LHS_31323_3	172_0292	H	6	5
V2LHS_169345_6	172_0529	E	5	2
V2LHS_231696_1	172_0046	G	6	4
V2LHS_57772_1	172_0067	D	7	5
V2LHS_33683_5	172_0471	B	3	5
V2LHS_225138_4	172_0391	H	9	4
V2LHS_233043_4	172_0352	D	6	4
V2LHS_241091_5	172_0487	E	10	4
V2LHS_254308_3	172_0263	H	4	4
V2LHS_47760_6	172_0589	D	8	5
V2LHS_135123_3	172_0274	C	6	1
V2LHS_238690_1	172_0056	H	12	4
V2LHS_267255_6	172_0555	H	6	4
V2LHS_33331_3	172_0245	C	9	5
V2LHS_6083_6	172_0582	B	3	5
V2LHS_171124_1	172_0054	F	8	2
V2LHS_286649_4	172_0339	D	11	5
V2LHS_64915_3	172_0219	D	5	6
V2LHS_223700_6	172_0583	C	5	4
V2LHS_57424_1	172_0039	A	5	5
V2LHS_38530_1	172_0028	C	3	5
V2LHS_19535_3	172_0289	G	11	3
V2LHS_75143_4	172_0378	B	11	6
V2LHS_265678_6	172_0560	D	9	4
V2LHS_223920_3	172_0229	G	4	4
V2LHS_30249_1	172_0019	F	4	5
V2LHS_72999_6	172_0554	A	2	6
V2LHS_132681_3	172_0225	H	3	1

V2LHS_276799_2	172_0186	H	4	4
V2LHS_46734_5	172_0443	F	10	5
V2LHS_6678_1	172_0035	F	11	6
V2LHS_81131_1	172_0087	D	3	6
V2LHS_230303_6	172_0594	G	5	4
V2LHS_267208_5	172_0402	A	11	4
V2LHS_29100_2	172_0129	F	7	5
V2LHS_66813_6	172_0581	H	12	6
V2LHS_230277_5	172_0401	C	1	4
V2LHS_38493_5	172_0480	D	6	5
V2LHS_60714_1	172_0009	F	7	5
V2LHS_62013_3	172_0247	B	4	6
V2LHS_98516_5	172_0482	F	3	6
V2LHS_27649_3	172_0241	F	10	4
V2LHS_22730_4	172_0309	E	5	4
V2LHS_98513_6	172_0512	G	12	6
V2LHS_234429_4	172_0381	D	6	4
V2LHS_57383_3	172_0251	B	10	5
V2LHS_47014_2	172_0162	E	4	5
V2LHS_14190_1	172_0038	F	6	1
V2LHS_57474_6	172_0515	E	9	5
V2LHS_114018_6	172_0582	C	11	1
V2LHS_51965_1	172_0029	B	5	5
V2LHS_239181_5	172_0499	D	9	4
V2LHS_176079_4	172_0335	D	10	2
V2LHS_182932_5	172_0455	D	11	3
V2LHS_233793_1	172_0026	E	7	4
V2LHS_253232_3	172_0251	B	12	4
V2LHS_61165_1	172_0028	F	11	5
V2LHS_263294_5	172_0485	F	11	4
V2LHS_61352_4	172_0311	H	11	5
V2LHS_264097_4	172_0302	H	10	4
V2LHS_78845_4	172_0350	B	8	6
V2LHS_46509_5	172_0454	B	7	5
V2LHS_161939_2	172_0179	G	11	2
V2LHS_176597_6	172_0586	H	12	2
V2LHS_32741_1	172_0089	G	10	5
V2LHS_253749_2	172_0122	A	12	4
V2LHS_9140_2	172_0114	B	7	6
V2LHS_155946_5	172_0488	D	9	2
V2LHS_153672_5	172_0471	G	12	2
V2LHS_5722_5	172_0489	H	8	5
V2LHS_32202_4	172_0354	G	6	5
V2LHS_276526_2	172_0192	H	5	4
V2LHS_269351_6	172_0572	G	9	4
V2LHS_49616_5	172_0440	F	6	5
V2LHS_67746_2	172_0108	E	10	6
V2LHS_113980_4	172_0333	E	12	1
V2LHS_116646_6	172_0546	G	4	1
V2LHS_86581_5	172_0419	D	4	6

V2LHS_24946_4	172_0393	A	4	4
V2LHS_75698_4	172_0311	A	2	6
V2LHS_265803_6	172_0544	A	2	4
V2LHS_44726_4	172_0305	F	8	5
V2LHS_8551_2	172_0117	G	3	6
V2LHS_28450_1	172_0081	B	2	5
V2LHS_89409_5	172_0431	H	12	6
V2LHS_52167_2	172_0173	G	5	5
V2LHS_42470_5	172_0493	A	11	5
V2LHS_74797_3	172_0223	A	12	6
V2LHS_23498_6	172_0522	B	5	4
V2LHS_260307_2	172_0143	G	5	4
V2LHS_260990_2	172_0103	H	11	4
V2LHS_223591_5	172_0420	B	4	4
V2LHS_91695_1	172_0087	E	7	6
V2LHS_112577_4	172_0361	G	4	1
V2LHS_242307_5	172_0420	G	1	4
V2LHS_91698_1	172_0013	B	11	6
V2LHS_226245_4	172_0343	H	12	4
V2LHS_261225_5	172_0460	H	9	4
V2LHS_144947_2	172_0190	F	8	2
V2LHS_137634_3	172_0262	C	5	1
V2LHS_59558_2	172_0122	E	7	5
V2LHS_249588_4	172_0399	G	4	4
V2LHS_133384_6	172_0510	C	12	1
V2LHS_67580_1	172_0081	D	2	6
V2LHS_39463_6	172_0518	E	1	5
V2LHS_28857_5	172_0500	B	11	5
V2LHS_231868_5	172_0487	E	10	4
V2LHS_70503_4	172_0350	C	3	6
V2LHS_102614_2	172_0178	D	6	1
V2LHS_76503_6	172_0546	D	6	6
V2LHS_260066_1	172_0100	F	8	4
V2LHS_55234_3	172_0263	G	1	5
V2LHS_83262_6	172_0531	C	5	6
V2LHS_89140_6	172_0572	D	4	6
V2LHS_44836_5	172_0482	E	12	5
V2LHS_27615_1	172_0082	D	11	4
V2LHS_37991_3	172_0265	G	11	5
V2LHS_75596_3	172_0243	A	6	6
V2LHS_220929_2	172_0163	E	8	3
V2LHS_213618_4	172_0361	A	11	3
V2LHS_36553_2	172_0150	C	2	5
V2LHS_52059_1	172_0014	G	2	5
V2LHS_25188_6	172_0544	H	8	4
V2LHS_32443_5	172_0411	F	4	5
V2LHS_24526_4	172_0394	D	4	4
V2LHS_90121_1	172_0095	D	12	6
V2LHS_76637_2	172_0144	D	7	6
V2LHS_99882_1	172_0005	B	2	6

V2LHS_113897_1	172_0028	C	1	1
V2LHS_76723_3	172_0256	B	4	6
V2LHS_98399_6	172_0587	F	10	6
V2LHS_49658_1	172_0010	G	12	5
V2LHS_86527_3	172_0250	E	8	6
V2LHS_82858_2	172_0198	H	9	6
V2LHS_129996_6	172_0558	D	1	1
V2LHS_88218_6	172_0581	A	5	6
V2LHS_138051_1	172_0001	A	5	1
V2LHS_69729_1	172_0071	H	3	6
V2LHS_30492_6	172_0581	D	5	5
V2LHS_231663_6	172_0528	B	8	4
V2LHS_39163_3	172_0292	E	5	5
V2LHS_59479_3	172_0259	H	6	5
V2LHS_33293_5	172_0403	F	1	5
V2LHS_61321_3	172_0258	D	3	5
V2LHS_241631_4	172_0332	B	2	4
V2LHS_84428_6	172_0546	B	9	6
V2LHS_32439_6	172_0576	C	6	5
V2LHS_223769_5	172_0416	G	7	4
V2LHS_243191_5	172_0460	C	1	4
V2LHS_251501_5	172_0455	B	9	4
V2LHS_236310_2	172_0109	E	5	4
V2LHS_69426_3	172_0229	B	4	6
V2LHS_35890_1	172_0038	B	12	5
V2LHS_5159_2	172_0122	A	10	5
V2LHS_23432_1	172_0077	A	8	4
V2LHS_99005_6	172_0579	D	6	6
V2LHS_59634_4	172_0338	E	11	5
V2LHS_70202_2	172_0198	D	9	6
V2LHS_247468_2	172_0200	D	5	4
V2LHS_242532_4	172_0306	C	4	4
V2LHS_75669_4	172_0362	G	8	6
V2LHS_163541_4	172_0309	B	2	2
V2LHS_112017_6	172_0528	D	7	1
V2LHS_204955_6	172_0562	D	6	3
V2LHS_54273_1	172_0082	E	2	5
V2LHS_169334_3	172_0224	G	1	2
V2LHS_120601_3	172_0295	A	1	1
V2LHS_76806_4	172_0360	A	10	6
V2LHS_70180_5	172_0453	G	10	6
V2LHS_277634_2	172_0193	D	2	4
V2LHS_89232_3	172_0253	B	6	6
V2LHS_41429_4	172_0335	F	10	5
V2LHS_238481_1	172_0032	H	4	4
V2LHS_261989_1	172_0091	E	12	4
V2LHS_15047_6	172_0531	E	5	2
V2LHS_137302_4	172_0355	E	8	1
V2LHS_73955_4	172_0396	C	9	6
V2LHS_285734_6	172_0528	B	9	5

V2LHS_44691_3	172_0247	A	4	5
V2LHS_261206_4	172_0326	H	6	4
V2LHS_52872_4	172_0322	F	1	5
V2LHS_103134_2	172_0128	E	6	1
V2LHS_204869_3	172_0208	E	8	3
V2LHS_98796_6	172_0545	G	10	6
V2LHS_32483_1	172_0080	B	6	5
V2LHS_235957_6	172_0516	F	4	4
V2LHS_61078_3	172_0252	A	7	5
V2LHS_43792_4	172_0345	H	2	5
V2LHS_33349_3	172_0257	A	8	5
V2LHS_265302_1	172_0096	D	3	4
V2LHS_262264_3	172_0224	A	12	4
V2LHS_48824_6	172_0532	E	1	5
V2LHS_249574_5	172_0448	C	6	4
V2LHS_89195_4	172_0363	H	6	6
V2LHS_47697_6	172_0537	A	9	5
V2LHS_234391_2	172_0176	D	9	4
V2LHS_231055_3	172_0285	C	11	4
V2LHS_151830_4	172_0394	E	2	2
V2LHS_177011_3	172_0228	A	1	2
V2LHS_89927_2	172_0176	A	7	6
V2LHS_234871_5	172_0476	H	5	4
V2LHS_67424_4	172_0345	D	5	6
V2LHS_285105_3	172_0275	H	11	5
V2LHS_169234_5	172_0474	D	6	2
V2LHS_234422_6	172_0532	F	11	4
V2LHS_47913_5	172_0419	D	4	5
V2LHS_21795_5	172_0411	H	7	3
V2LHS_238918_4	172_0359	F	5	4
V2LHS_141127_1	172_0068	H	4	1
V2LHS_8427_1	172_0017	B	11	6
V2LHS_46290_5	172_0454	B	11	5
V2LHS_56076_6	172_0551	G	12	5
V2LHS_48630_5	172_0436	A	2	5
V2LHS_32526_5	172_0404	G	2	5
V2LHS_98269_1	172_0042	F	1	6
V2LHS_160786_6	172_0512	E	2	2
V2LHS_244502_5	172_0460	H	4	4
V2LHS_47780_4	172_0383	E	9	5
V2LHS_50151_5	172_0419	B	3	5
V2LHS_24143_4	172_0304	A	11	4
V2LHS_8656_1	172_0049	C	1	6
V2LHS_68123_6	172_0536	F	11	6
V2LHS_69569_5	172_0435	D	10	6
V2LHS_220627_2	172_0198	C	3	3
V2LHS_87941_5	172_0493	B	3	6
V2LHS_96097_4	172_0335	D	7	6
V2LHS_81046_1	172_0090	B	1	6
V2LHS_64193_5	172_0487	G	3	6

V2LHS_107082_2	172_0107	C	3	1
V2LHS_234466_3	172_0207	E	6	4
V2LHS_17317_4	172_0398	D	6	2
V2LHS_98498_3	172_0297	D	5	6
V2LHS_42595_3	172_0240	H	6	5
V2LHS_175860_4	172_0348	F	7	2
V2LHS_73316_2	172_0177	H	7	6
V2LHS_56722_5	172_0490	H	9	5
V2LHS_26080_5	172_0426	D	8	4
V2LHS_54662_3	172_0253	G	10	5
V2LHS_97109_6	172_0524	B	8	6
V2LHS_234485_1	172_0065	B	2	4
V2LHS_226662_5	172_0423	H	9	4
V2LHS_60729_5	172_0444	C	9	5
V2LHS_84142_3	172_0230	E	6	6
V2LHS_243240_5	172_0417	E	1	4
V2LHS_172584_2	172_0118	D	10	2
V2LHS_99436_4	172_0377	H	8	6
V2LHS_143183_3	172_0214	E	3	1
V2LHS_284527_4	172_0363	H	6	5
V2LHS_98283_6	172_0573	E	9	6
V2LHS_112152_4	172_0305	H	4	1
V2LHS_255356_6	172_0537	B	1	4
V2LHS_226418_1	172_0033	B	8	4
V2LHS_118024_5	172_0405	E	10	1
V2LHS_238639_6	172_0572	H	10	4
V2LHS_90198_4	172_0330	C	12	6
V2LHS_128586_6	172_0573	D	5	1
V2LHS_204553_3	172_0239	B	7	3
V2LHS_234519_4	172_0329	E	9	4
V2LHS_26203_4	172_0344	A	1	4
V2LHS_238353_5	172_0468	F	7	4
V2LHS_88972_1	172_0018	D	2	6
V2LHS_226934_1	172_0045	D	5	4
V2LHS_157905_5	172_0459	B	3	2
V2LHS_52661_4	172_0366	D	5	5
V2LHS_108449_1	172_0049	B	10	1
V2LHS_44698_4	172_0314	E	2	5
V2LHS_154785_5	172_0436	E	6	2
V2LHS_243423_3	172_0276	E	1	4
V2LHS_164885_2	172_0131	C	10	2
V2LHS_108884_1	172_0016	D	3	1
V2LHS_278439_3	172_0276	G	8	5
V2LHS_285244_3	172_0243	H	7	5
V2LHS_90718_1	172_0025	C	10	6
V2LHS_115070_2	172_0159	F	8	1
V2LHS_235058_4	172_0362	F	1	4
V2LHS_46392_2	172_0154	G	10	5
V2LHS_99596_4	172_0384	B	12	6
V2LHS_64686_3	172_0234	A	10	6

V2LHS_254693_1	172_0088	G	11	4
V2LHS_93580_1	172_0054	F	1	6
V2LHS_90437_6	172_0504	G	8	6
V2LHS_263273_3	172_0205	B	4	4
V2LHS_184904_5	172_0464	A	8	3
V2LHS_115907_3	172_0297	B	9	1
V2LHS_93876_2	172_0182	C	2	6
V2LHS_20274_5	172_0493	G	7	3
V2LHS_67017_3	172_0226	A	10	6
V2LHS_32359_3	172_0279	G	11	5
V2LHS_98556_6	172_0573	B	12	6
V2LHS_122042_1	172_0046	C	6	1
V2LHS_71816_2	172_0138	F	6	6
V2LHS_175391_2	172_0174	F	10	2
V2LHS_95691_4	172_0362	B	9	6
V2LHS_23719_3	172_0295	B	6	4
V2LHS_104062_4	172_0384	B	10	1
V2LHS_72907_5	172_0490	H	2	6
V2LHS_270816_6	172_0595	E	2	4
V2LHS_64679_1	172_0071	B	1	6
V2LHS_105926_6	172_0575	B	5	1
V2LHS_260435_1	172_0098	G	6	4
V2LHS_48799_1	172_0045	H	12	5
V2LHS_97488_4	172_0328	E	10	6
V2LHS_97381_3	172_0269	F	10	6
V2LHS_180581_4	172_0364	A	12	2
V2LHS_95130_6	172_0588	H	6	6
V2LHS_35619_2	172_0138	F	7	5
V2LHS_83195_2	172_0105	E	10	6
V2LHS_205290_1	172_0052	F	5	3
V2LHS_35627_4	172_0358	B	10	5
V2LHS_21852_3	172_0281	E	11	3
V2LHS_45145_1	172_0023	G	4	5
V2LHS_231477_3	172_0248	B	5	4
V2LHS_78705_2	172_0108	A	11	6
V2LHS_277102_2	172_0123	D	7	4
V2LHS_35609_4	172_0315	C	10	5
V2LHS_165406_2	172_0157	B	8	2
V2LHS_82953_4	172_0361	H	9	6
V2LHS_108043_6	172_0503	A	1	1
V2LHS_216585_5	172_0468	A	6	3
V2LHS_286172_2	172_0123	C	1	5
V2LHS_131071_3	172_0251	H	4	1
V2LHS_90812_6	172_0523	G	10	6
V2LHS_61132_5	172_0428	A	12	5
V2LHS_262083_6	172_0566	F	6	4
V2LHS_38710_3	172_0206	D	1	5
V2LHS_24818_5	172_0433	D	12	4
V2LHS_69795_3	172_0249	A	9	6
V2LHS_69824_1	172_0035	G	9	6

V2LHS_134118_4	172_0337	H	10	1
V2LHS_243550_5	172_0441	C	11	4
V2LHS_98502_6	172_0600	E	11	6
V2LHS_227071_5	172_0413	F	9	4
V2LHS_143054_2	172_0129	E	8	1
V2LHS_285548_6	172_0501	G	6	5
V2LHS_84757_6	172_0564	G	6	6
V2LHS_30116_6	172_0590	H	4	5
V2LHS_64860_4	172_0342	H	9	6
V2LHS_18133_4	172_0354	B	10	3
V2LHS_22537_3	172_0278	C	9	4
V2LHS_9993_2	172_0120	F	3	6
V2LHS_71805_6	172_0576	C	6	6
V2LHS_40581_4	172_0342	B	5	5
V2LHS_238011_3	172_0210	C	5	4
V2LHS_133928_6	172_0504	E	8	1
V2LHS_70679_1	172_0027	A	6	6
V2LHS_76378_6	172_0505	A	6	6
V2LHS_71811_4	172_0358	A	4	6
V2LHS_180326_2	172_0120	G	10	2
V2LHS_276198_2	172_0124	C	4	4
V2LHS_98561_1	172_0039	G	11	6
V2LHS_47991_3	172_0205	B	5	5
V2LHS_35660_3	172_0287	D	12	5
V2LHS_273727_6	172_0540	C	6	4
V2LHS_136572_5	172_0443	F	1	1
V2LHS_75677_5	172_0436	B	2	6
V2LHS_29671_4	172_0313	A	11	5
V2LHS_23803_1	172_0011	D	6	4
V2LHS_79545_5	172_0457	B	2	6
V2LHS_25457_6	172_0543	A	6	4
V2LHS_231025_1	172_0044	F	7	4
V2LHS_113477_3	172_0256	F	11	1
V2LHS_47806_6	172_0556	B	11	5
V2LHS_261913_1	172_0097	G	10	4
V2LHS_252687_4	172_0360	G	11	4
V2LHS_238609_4	172_0330	F	11	4
V2LHS_258059_6	172_0513	G	11	4
V2LHS_193247_3	172_0208	D	5	3
V2LHS_79234_4	172_0369	E	7	6
V2LHS_133089_1	172_0080	E	6	1
V2LHS_170205_5	172_0422	E	8	2
V2LHS_72380_5	172_0411	F	11	6
V2LHS_114011_2	172_0160	A	7	1
V2LHS_54096_3	172_0240	E	11	5
V2LHS_15422_3	172_0237	F	2	2
V2LHS_23814_3	172_0226	H	1	4
V2LHS_251289_3	172_0260	E	6	4
V2LHS_204442_3	172_0279	A	3	3
V2LHS_48580_2	172_0183	F	6	5

V2LHS_238142_3	172_0206	H	8	4
V2LHS_33471_6	172_0581	A	10	5
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V2LHS_52628_5	172_0439	H	3	5
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V2LHS_334_1	172_0032	E	8	5
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V2LHS_35789_6	172_0584	D	4	5
V2LHS_90099_3	172_0213	A	12	6
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V2LHS_60387_2	172_0161	D	4	5
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V2LHS_59975_3	172_0257	E	4	5
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V2LHS_211066_4	172_0342	E	9	3
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V2LHS_33031_3	172_0223	B	3	5
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V2LHS_273995_2	172_0156	D	6	4
V2LHS_80889_3	172_0285	C	4	6
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V2LHS_262017_3	172_0258	F	12	4
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V2LHS_185167_4	172_0306	H	10	3
V2LHS_236167_3	172_0287	D	4	4
V2LHS_262638_2	172_0184	A	4	4
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V2LHS_136794_3	172_0224	B	7	1
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V2LHS_71909_4	172_0319	H	11	6
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V2LHS_55266_5	172_0493	C	11	5
V2LHS_55260_4	172_0335	C	6	5
V2LHS_92229_2	172_0165	H	12	6
V2LHS_276732_2	172_0108	G	3	4
V2LHS_228403_4	172_0400	H	6	4
V2LHS_127152_2	172_0165	H	3	1
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V2LHS_3821_1	172_0031	D	3	5
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V2LHS_25149_4	172_0322	D	7	4
V2LHS_42395_5	172_0488	G	8	5
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Sense Sequence of shRNA target sequence	Ensembl Gene ID	Gene Symbol	Median Drug Effect Z Score	Number of shRNAs per gene in this list
ATGAATATTTTCATATCTAT	ENSG00000012048	BRCA1	-4.375264529	9
GCATGAATATTTTCATATCT	ENSG00000012048	BRCA1	-2.700763217	9
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GCATGAATATTTTCATATCT	ENSG00000012048	BRCA1	-2.562003702	9
CCCACCTAATTGTACTGAA	ENSG00000012048	BRCA1	-2.197502629	9
GATCGATTATGTGACTTAA	ENSG00000012048	BRCA1	-3.31655413	9
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CCAGTGAACCTTATAGGAAA	ENSG00000176208	ATAD5	-5.300974241	4
CAGTCAAGATACATCTGAA	ENSG00000176208	ATAD5	-2.384719826	4
CCTTGTTTCTCATTGTTTA	ENSG00000176208	ATAD5	-2.420633399	4
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CGGACACTGACAGAATTAT	ENSG00000167972	ABCA3	-2.1218327	2
CTGCCGCTGGCGGTGAAAT	ENSG00000167972	ABCA3	-2.308708926	2
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CAAATCCAGCTCTCCACGA	ENSG00000214754	AC004870.4	-1.966117916	2
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CAGGCTACACGGAACATA	ENSG00000042980	ADAM28	-2.727967985	2
GATAACATCCTCAGCCTAA	ENSG00000165568	AKR1CL2	-2.077126463	2
GACACTGTTTCAGTTCAAT	ENSG00000165568	AKR1CL2	-2.749637461	2
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CAGACTCTGTGCTGAGTGT	ENSG00000197511	AL355149.2	-5.220531691	2
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GCTGGAAGGATTTACAAA	ENSG00000173064	C12orf51	-2.54875028	2
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GGCATTTCCTCGAAACATT	ENSG00000174469	CNTNAP2	-2.065691231	2
CTAGGACAGACATCAAATT	ENSG00000174469	CNTNAP2	-3.377008619	2
CTGTCTACCTGGAATTTGA	ENSG00000172752	COL29A1	-1.982131797	2
GGCACAACATCTCCTTGTA	ENSG00000172752	COL29A1	-2.364392722	2
GCATGAATTTGCCTTGAAT	ENSG00000214078	CPNE1	-2.778088042	2
GGTCTCAGCTCAGGAATTA	ENSG00000214078	CPNE1	-4.518210671	2
CAGAAAGTGAGGAAGCCTA	ENSG00000062485	CS	-2.229156281	2
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GACAATACCTGCAAGCTGA	ENSG00000160683	CXCR5	-3.629597392	2
CCCTCATGATCATGGACTT	ENSG00000163673	DCLK3	-2.847286404	2
GAGGGAGCCATTTAGTACA	ENSG00000163673	DCLK3	-2.757481457	2
GCCATGAATCCACACATAA	ENSG00000107625	DDX50	-2.197240491	2
CTCAGGATGTTGAGTCCTA	ENSG00000107625	DDX50	-2.113380158	2
CCAAGCTGTTTGCTGTTTA	ENSG00000100056	DGCR14	-2.019975315	2
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GGATTTCTTGGCTATTTAT	ENSG00000150672	DLG2	-2.375455118	2
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GACAGAGTAACTACAGTTA	ENSG00000182944	EWSR1	-5.079074446	2
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CAGCCTTTTCAGAAGAGACA	ENSG00000179639	FCER1A	-2.303043862	2
GTGTTAGCAGTCCCTCAGA	ENSG00000179639	FCER1A	-3.465953477	2
CCTTGTTATTTATCCTGCA	ENSG00000177283	FZD8	-2.553110994	2
CACCGTCTCCACCTTCCTT	ENSG00000177283	FZD8	-3.254641036	2
CGGAGGCAGAGAATTGATA	ENSG00000155511	GRIA1	-2.083833941	2
GAGATTGTCAGTGATGGAA	ENSG00000155511	GRIA1	-2.259422246	2
GAGAACCCAATGTTTCGTA	ENSG00000082701	GSK3B	-3.218154066	2
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GACGCATTCATCTCTGAGA	ENSG00000161999	JMJD8	-2.543234663	2
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GTCCATCTCTGGAGGAGGA	ENSG00000172867	KRT2	-3.073449244	2
CACAGCTGCTGAGAATGAT	ENSG00000172867	KRT2	-2.480918357	2
CTCTCTTGATGATGTTGAA	ENSG00000196569	LAMA2	-3.153960279	2
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CTGCTGAGCTTACTGCATT	ENSG00000161813	LARP4	-2.398793088	2
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GAATCAAATCTTCAGAGA	ENSG00000197753	LHFPL5	-2.022548133	2
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CCTGCAAGTCCGTTGAGTA	ENSG00000005156	LIG3	-2.990770628	2
CGGATCATGTTCTCAGAAA	ENSG00000005156	LIG3	-3.24019494	2
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CAGCTACACTCTGGAATCT	ENSG00000072952	MRVI1	-3.666661021	2

GCTTAGATGTCATGCCTAA	ENSG00000072952	MRVI1	-2.386734171	2
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GCAACATTGTCTGCTATAA	ENSG000000157796	WDR19	-2.466843631	1
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GTCATAGCCTCTTTGCTAT	ENSG00000075035	WSCD2	-4.292512497	1
CAGTGACAATTTATACCAA	ENSG00000184937	WT1	-2.775850248	1
CACCTTTGCTGACTGCATT	ENSG00000113645	WWC1	-3.558566438	1
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GCCAGACTATGCTCACCTA	ENSG00000101966	XIAP	-2.72420473	1
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CAAACAAGATGATTCTCAA	ENSG00000196584	XRCC2	-1.98344708	1
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