

Tabel1 Genome-wide CRISPR/Cas9 screening results for H/R resistance

target_id	gene_id	length(kb)	UID	seq	counts	rank
BGN 2 +(3 rv)	BGN	2353	HGLibA_04465	CGGAGATGTCGTTGTTCTGC	3554440	1
FKBP1B 2 +(1 rv)	FKBP1B	993	HGLibA_18566	TGTAGTGCACCACACACGTT	2109749	2
FAM229A 2 -(1)	FAM229A	941	HGLibA_17541	TGCTCCGTCGCTACCGCCTC	1969756	3
CHRNA9 4 +(6 rv)	CHRNA9	2272	HGLibA_09586	GAGGTTGACGATATAGAACG	1390522	4
DPP3 2 +(1)	DPP3	2657	HGLibA_13869	GGCGTTCCTGGTCTATGCCG	1066016	5
CDKL5 2 +(1 rv)	CDKL5	3428	HGLibA_08819	GCATTTAAGTACAACCTCCAT	427833	6
SNRPD2 2 -(4 rv)	SNRPD2	725	HGLibA_54266	GCCGCGTGAAGGCCTTCGAT	385094	7
ZNF460 3 +(26 rv)	ZNF460	3850	HGLibA_64323	AAGGTGCGACCCGCGATTGA	347418	8
POTEH 1 -(4 rv)	POTEH	2037	HGLibA_46026	GCCACTGCTTCGCCTGGTGC	339444	9
TUSC1 1 -(14)	TUSC1	1476	HGLibA_60630	CCACTCGTCCCGCGCACGGA	329843	10
AMMECR1L 2 -(1 rv)	AMMECR1L	4698	HGLibA_01804	TTAGTCCGCTCTTTGTGACG	273598	11
MAU2 4 +(3 rv)	MAU2	4845	HGLibA_36731	CAGCGGCTTTGCTGCATCAA	269973	12
ZFP62 2 -(21 rv)	ZFP62	4014	HGLibA_63512	CCCTATGAATGCGACATCTG	189116	13
C4orf3 2 -(4)	C4orf3	2975	HGLibA_06317	CGCTAAAGCCTCGCCGCTCC	93284	14
PCK1 2 +(5 rv)	PCK1	4320	HGLibA_43902	AACCGTCTTGCTTTCGATCC	41065	15
SPSB3 2 -(4)	SPSB3	1535	HGLibA_55154	GCCGGTCACGGGCACCGCAC	27526	16
C1orf146 5 +(2 rv)	C1orf146	855	HGLibA_05775	TAGCAAATGCTATCTATGTA	17474	17
TREML2 5 -(1 rv)	TREML2	3785	HGLibA_59650	CCTTCTACACGTGACCCACC	17387	18
FIBIN 1 +(15 rv)	FIBIN	2976	HGLibA_18500	CATCGAAGTAGCCTTGACAC	12692	19
EIF3G 5 -(1 rv)	EIF3G	1103	HGLibA_15783	CTCAGATTGTCCGCACCTTC	9523	20
NEIL3 1 +(3 rv)	NEIL3	2363	HGLibA_39923	CAGAGCGCTTCCCCGCACGC	4391	21
AQP10 3 +(2)	AQP10	1814	HGLibA_02581	GCATCGTTGGACGCCTCCCC	3692	22
SSR2 2 -(1)	SSR2	1108	HGLibA_55445	CAAGAGGATACGGGGCAATC	3442	23

Continued Tabel1 Genome-wide CRISPR/Cas9 screening results for H/R resistance

target_id	gene_id	length(kb)	UID	seq	counts	rank
MI0022717	hsa-mir-6870	60	HGLibA_29719	TTCCAAGGTGGGGGAGATGG	3402	24
CTXN3 1 +(4)	CTXN3	1622	HGLibA_11762	TTCTCATTGTCCGGTGCTTC	2225	25
HEG1 7 -(2 rv)	HEG1	9195	HGLibA_22108	GTCGCAGACAACACCAGCCG	1358	26
RAB8A 2 +(1 rv)	RAB8A	2567	HGLibA_48274	TCTCTTGCCATCGAGCTCTA	913	27
PSPC1 2 -(7 rv)	PSPC1	2310	HGLibA_47512	AGCAAAACCTCCTGCACGAA	536	28
TRMT6 5 -(1 rv)	TRMT6	2929	HGLibA_59984	ATGTATTATGCAAGAGAACC	436	29
FAM161A 4 -(2)	FAM161A	3777	HGLibA_17217	GTGAGTCATAAGCCTTAGCC	180	30
TSPAN8 2 -(1 rv)	TSPAN8		HGLibA_60238	TGATCCTAGCATTAGCAATA	36	31
C14orf105 3 -(1 rv)	C14orf105		HGLibA_05317	TTGCCACGAGTAATTACTTC	26	32
GGCX 3 -(5 rv)	GGCX		HGLibA_19996	TACGCCCACTGCCACTTGAC	17	33
ZNF776 1 +(1 rv)	ZNF776		HGLibA_65011	GCCACAATTACCTGAGCCGG	12	34
MI0006361	hsa-mir-548l		HGLibA_28091	CTTATCCCTTGGTTTGTATT	11	35
ENDOG 1 +(9 rv)	ENDOG		HGLibA_16116	AGCACAGCACGTACGACTCG	8	36
ZC2HC1B 1 +(1 rv)	ZC2HC1B		HGLibA_63229	TGCAGCTCACCTGCCAAAAA	8	37
LMTK3 6 -(3 rv)	LMTK3		HGLibA_35018	GGAGCAACGCAAGTTCATCT	7	38
CD24 1 -(3 rv)	CD24		HGLibA_08303	GACGCGCCGCGCACCGACGT	7	39
SMTNL2 5 +(3 rv)	SMTNL2		HGLibA_54124	TGCGACGCTCCCCCTGCCGA	7	40
MI0015997	hsa-mir-3607		HGLibA_25116	CTACTAATGCGGAAAGGTTG	6	41
GNGT2 1 -(1 rv)	GNGT2		HGLibA_20541	GGCCCAGGATCTCAGCGAGA	6	42
SLFN13 4 -(11 rv)	SLFN13		HGLibA_53779	TGTCAGCACCGTGACAGAAG	6	43
KMT2C 3 -(2 rv)	KMT2C		HGLibA_33616	TCTTCAGCGATCTGTGTCTG	5	44
LDHD 5 -(3)	LDHD		HGLibA_34524	GTTGAGCACGTTGTCCCGCA	5	45

Continued Tabel1 Genome-wide CRISPR/Cas9 screening results for H/R resistance

target_id	gene_id	length(kb)	UID	seq	counts	rank
ST6GALNAC1 3 -(4 rv)	ST6GALNAC1		HGLibA_55553	GAACACTTTGCACCACCCTT	5	46
IGLL5 3 +(8 rv)	IGLL5		HGLibA_31158	ACTGATCAGACACACTAGTG	5	47
PRSS35 1 +(29)	PRSS35		HGLibA_47216	TCTCAGGATTTGATAACGAT	4	48
WDR44 9 +(1 rv)	WDR44		HGLibA_62383	GTTCACCATATTCCTCAGCA	4	49
ZNF765 1 +(1)	ZNF765		HGLibA_64981	GTCAGGGATGGCTCTTCCTC	4	50
ZNF813 1 +(1)	ZNF813		HGLibA_65095	GTCAGGGATGGCTCTTCCTC	4	51
TSPAN32 1 +(1)	TSPAN32		HGLibA_60219	GAGGAACCGTCATGGGGCCT	3	52
ZBTB21 2 -(24)	ZBTB21		HGLibA_63130	TGAAGGTGCGCATGCACTCG	2	53
GPR63 1 -(12)	GPR63		HGLibA_21069	TCCTCAAGGCATTGTGCCGA	2	54
AVL9 1 +(2 rv)	AVL9		HGLibA_03894	GACCACCACGATGTGCAGTA	2	55
MI0022596	hsa-mir-6751		HGLibA_29215	TTGGGGGTGAGGTTGGTGTC	2	56
PAX9 2 +(9)	PAX9		HGLibA_43608	CCACCGTGGTGAAACACATC	2	57
PAPD4 1 +(1 rv)	PAPD4		HGLibA_43409	ATTGTGCATCTATAAGCTGC	1	58
LSS 5 -(2)	LSS		HGLibA_35856	CGTACCAGGTCAGGATCGTC	1	59
NOS2 16 -(6 rv)	NOS2		HGLibA_40617	AGGAGGACGCCTTCCGCAGC	1	60
MYC 3 +(9 rv)	MYC		HGLibA_38953	TGCGTAGTTGTGCTGATGTG	1	61
PDZD2 2 +(5)	PDZD2		HGLibA_44260	GTGACCGAACTGCGAAAAAG	1	62
CYP4F2 2 -(1 rv)	CYP4F2		HGLibA_12188	CTTGCAGGTCAACCCACAG	1	63
NDUFA9 4 +(1 rv)	NDUFA9		HGLibA_39764	TGCTGTGTTGTACTACTCGT	1	64
TTC30A 1 -(12 rv)	TTC30A		HGLibA_60394	AGCTGCCATCAAGTATAGCG	1	65
C7orf60 4 -(1)	C7orf60		HGLibA_06562	ACTATGCATACCTCTACAGC	1	66
AIF1L 5 +(2)	AIF1L		HGLibA_01334	CTGAACAATGAAGGCGAGAT	1	67
SMARCC1 5 -(1)	SMARCC1		HGLibA_53912	GCCAACTTCAGATCAATGTC	1	68

