

Supplementary Table 9. Numbers of MiSeq reads and RNA-seq reac

5P	3P	NUM_MiSeq
EIF3K	CYP39A1	283
MDH1	RP11-357C3.3	48
LMF1	FOXK2	33
GS1-124K5.2	RP11-147C23.1	15
RNGTT	RPF1	10
RP11-83A24.2	KCNQ5	4
PLA2R1	RBMS1	306
RAB7A	LRCH3	80
SHISA5	RP11-24C3.2	72
UNC5C	STPG2	58
TMEM104	RAB37	45
MAVS	PANK2	38
ZNF37BP	CEP164P1	33
POU2F1	NME7	26
NRL	DHRS4-AS1	25
KPNA1	EEFSEC	22
NOM1	MNX1-AS2	21
EFTUD2	KIF18B	20
OSBPL9	RP11-191G24.1	17
MFSD3	MROH1	14
WARS	DEGS2	11
HNRNPUL2	AHNAK	6
CCDC117	CTA-292E10.6	5
LDLRAD3	PRR5L	5
CASD1	GNG11	4
RP11-85K15.2	BAZ1A	4
TBC1D16	AC012354.6	38
FOSL2	BRE	47
MANBA	UBE2D3	31
SMDT1	NDUFA6-AS1	19
RP11-680G10.1	GSE1	11
CNPY3	GNMT	9
CNPY3	RP3-475N16.1	8
GNA12	CARD11	7

RBM14	C11orf80	7
FARS2	RP3-380B8.4	5
FSD1L	SLC44A1	5
SIK1	CBS	4
PALLD	TSC22D1	9
PKD1P5	DOT1L	7
EIF4A2	PRPF40A	6
DHX36	MATN1-AS1	6
POLR2J3	TRO	5
TRMT10B	ASNS	5
FBXL8	PCBP1-AS1	5
NABP1	INTS10	5
MBNL2	ENAH	5
FOSL2	TOMM70A	4
TPT1-AS1	FRYL	4
HNRNPR	KPNA2	4
LZIC	RAC1	4
PCNXL2	ODC1	4
RP11-193F5.4	HMGN2	4
RPL4	PFDN5	4
BCL2L2-PABPN1	RPL30	4
DAP3	CMC4	4
ANP32B	PTMS	3
ATP2A2	RBM39	3
BCL2L11	LCMT1	3
CLCN6	CRNDE	3
CPSF6	SKP2	3
NKTR	MED23	3
RNGTT	ZC3H13	3
SOS2	PEX11A	3
UQCRC2	RPL37	3
CTSA	TIAL1	3
DUSP16	ANAPC11	3
EXOSC2	UBL5	3
HIST1H2AC	RP11-200A1.1	3
IARS	TOX4	3
LEMD1	RPL30	3
MAPK9	OGFOD3	3
PCBD2	NOL10	3
PCMTD1	POM121C	3
PNISR	KLHDC1	3

RAB10	MXI1	3
SIRPA	VPRBP	3
TJAP1	PLOD3	3
TOP2A	GLRX5	3
ZFR	ZMYM5	3
COMMD1	RP11-390P2.4	2
FNDC3B	RBM39	2
IQGAP1	RPL30	2
NAA15	PLK1	2
NEK7	CMC2	2
RNF145	PLOD2	2
TOX2	POLR1D	2
ZNF521	RAB28	2
AGPAT5	CTD-2541M15.1	23
ERO1A	FERMT2	9
CD109	EEF1A1	8
SUCO	TBX19	8
ZC3H8	SUCLG1	7
ZNF37BP	C10orf25	7
SLC30A9	OCIAD1	7
ADK	VCL	7
AC009403.2	POMZP3	6
RP11-282O18.3	CDK2AP1	6
CAV1	TES	6
CLIP4	FAM179A	5
MMADHC	EPC2	5
POM121	VKORC1L1	5
RP11-123O10.4	GRIP1	5
RPF1	PRKACB	5
ST3GAL1	SLA	5
CCDC122	ENOX1	5
EIF4H	GPNMB	5
CTBP2	BUB3	4
ARSJ	MTHFD2L	4
ST7	TES	4
TOP2B	NGLY1	4
ZNF519	RAB31	4
BRD1	RP6-109B7.4	3
SLC39A11	NSF	3
ZHX1	MRPL13	3
ANXA2	NARG2	3

DNTTIP2	GCLM	3
FAM208A	PSMD6	3
GGCT	GARS	3
GNAO1	RP11-463O9.5	3
NOP56	SNRPB	3
TBC1D9B	RNF130	3
AHI1	PSMB1	2
DLX5	NHLRC3	6
RGS5	MTHFD1L	6
KDM2A	ZNF532	5
DPP9	ENDOG	4
TRIM52	NUP133	4
AFG3L2	RNPC3	3
TNFRSF1A	PTMS	3
BCL11B	PPP2R5C	2
GBE1	RYBP	2
NCOA7	CTA-293F17.1	5
TRAF2	ITPR1	5
RTFDC1	RP4-799D16.1	5
ACTR6	DHDDS	2
ERBB2IP	KTN1	2
FBXO32	ANXA13	4

Is supporting validated HCC1395 fusions.

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