

Supplementary table 7: DEGs and diffDEGs of B-RNA (28 human-specific genes are marked margenta and pink)

Main effect in each species (KD effect in each species = KD vs ctrl)					
Human		Chimp		Orang	
log2fc > 0 N = 19	log2fc < 0 N = 78	log2fc > 0 N = 8	log2fc < 0 N = 68	log2fc > 0 N = 66	log2fc < 0 N = 560
ID	symbol	ID	symbol	ID	symbol
ENS000000223	SEC13P1	ENS000000223	LINC01767	ENS000000184	CLCNKB
ENS000000249	LINC01258	ENS000000225	MIR137HG	ENS000000184	NCMAP
ENS000000253	LINC01484	ENS000000265	EXTL2	ENS000000234	LINC01914
ENS000000113	LINC01484	ENS000000207	RNVU1-1	ENS000000233	LINC01758
ENS000000123	NDUF4F4	ENS000000228	CLG	ENS000000277	AL360176.1
ENS000000123	MTFHD1L	ENS000000228	SLC01P2	ENS000000246	SUP174H1P2
ENS000000308	MYOM2	ENS000000116	TNR	ENS000000131	NAP5B
ENS000000212	POU5F1B	ENS000000162	WDR64	ENS000000207	AC03657.1
ENS000000068	PRKGQ	ENS000000273	9X333046.1	ENS000000136	NPL
ENS000000286	AC022387.2	ENS000000244	AC093904.3	ENS000000281	AL078644.1
ENS000000287	AL391560.2	ENS000000168	FAM228A	ENS000000233	CNH3-AS2
ENS000000296	AL390900.1	ENS000000215	AC025750.1	ENS000000235	AC012506.4
ENS000000175	CHRNA7	ENS000000144	LINC01580	ENS000000144	TRIM34B
ENS000000198	ARHGAP11A	ENS000000171	ECCL1	ENS000000226	CROCC2
ENS000000260	CSPG4P13	ENS000000283	AC012485.3	ENS000000228	AC018832.1
ENS000000260	AC068870.1	ENS000000188	SNTN	ENS000000249	CDC37-DT
ENS000000125	H3S3T3B1	ENS000000251	ORZT21P	ENS000000288	AC10472.5
ENS000000064	DLX3	ENS000000152	ZIC1	ENS000000245	AC11002.2
ENS000000251	SHANK3	ENS000000238	SCARNA7	ENS000000164	TME184C
ENS000000249	AC110751.1	ENS000000249	AC110751.1	ENS000000205	C4orf46
ENS000000242	AC093789.1	ENS000000207	MIR580	ENS000000113	HMGCR
ENS000000250	AC113430.1	ENS000000276	AC08498.1	ENS000000145	FEM1C
ENS000000152	CCNO	ENS000000254	LINC01485	ENS000000164	GRPEL2
ENS000000184	AC091868.1	ENS000000219	RPL31P28	ENS000000135	SYNCRIP
ENS000000251	LINC02201	ENS000000224	RPS6P8	ENS000000225	RRAGD
ENS000000270	AC008077.1	ENS000000159	CB0890P	ENS000000172	MANEA
ENS000000229	LINC02587	ENS000000229	LINC02587	ENS000000229	BCLAF1
ENS000000251	AC016571.1	ENS000000251	AC016571.1	ENS000000236	AC006974.2
ENS000000253	KLFP3P1	ENS000000283	AC026821.2	ENS000000089	NRCAM2
ENS000000240	AC146507.2	ENS000000165	AP77	ENS000000165	AP77
ENS000000227	LARP1P1	ENS000000287	AL353577.4	ENS000000148	NCAPO2
ENS000000234	TRIM66	ENS000000276	AL353748.2	ENS000000198	TOX
ENS000000153	SLC25A27	ENS000000287	AL096706.1	ENS000000172	CYP7B1
ENS000000232	SL35596.1	ENS000000286	AL355334.2	ENS000000235	MSC-AS1
ENS000000177	FAM200C	ENS000000228	AL137025.1	ENS000000104	NIPAL2
ENS000000164	TBX20	ENS000000131	ANO1	ENS000000148	MFS14B
ENS000000108	COBL	ENS000000225	ENPP7P8	ENS000000167	FAM102A
ENS000000228	LINC02848	ENS000000257	LINC02156	ENS000000015	ZMYND11
ENS000000289	AC006452.2	ENS000000197	HMG2A-AS1	ENS000000107	GAT3A
ENS000000253	AC009908.1	ENS000000196	ANKRD20A19P	ENS000000151	MAT1A
ENS000000261	SCRT1	ENS000000180	KCTD4	ENS000000077	FAM76B
ENS000000119	TRPM6	ENS000000229	MYCBP2-AS2	ENS000000150	NKAPD1
ENS000000239	AL354710.2	ENS000000258	LINC02308	ENS000000060	BCAT1
ENS000000230	RPL5P26	ENS000000169	CLMN	ENS000000118	SLC16A7
ENS000000173	SNCG	ENS000000275	AC088726.1	ENS000000111	OAS3
ENS000000285	OOSP3	ENS000000103	NECAB2	ENS000000132	XP04
ENS000000255	ENPP7P8	ENS000000270	AC018695.3	ENS000000127	IER5
ENS000000254	AP000757.1	ENS000000141	MYOCD	ENS000000042	TDP1
ENS000000198	C03E	ENS000000223	AC080112.1	ENS000000128	KNSTRN
ENS000000256	AC092112.1	ENS000000213	KRT222	ENS000000069	MAPK6
ENS000000139	PFPIA2	ENS000000286	AC005856.1	ENS000000066	THUMPDI
ENS000000280	AC084876.2	ENS000000182	C17orf77	ENS000000132	MYBBP1A
ENS000000279	AC073578.3	ENS000000287	AP005131.4	ENS000000167	SP2
ENS000000197	ATP11AUJN	ENS000000287	AC030241.1	ENS000000136	SRSF1
ENS000000140	HDC	ENS000000287	AC040983.1	ENS000000163	SNHG16
ENS000000246	LINC01595	ENS000000174	CATSPERD	ENS000000185	HGS
ENS000000133	FOXP1	ENS000000186	CYP4F12	ENS000000177	FAM210A
ENS000000286	AC004381.4	ENS000000280	AC011504.1	ENS000000272	ZNF24
ENS000000261	AC007347.1	ENS000000204	PNMA8B	ENS000000197	ZNF470
ENS000000278	AC025287.2	ENS000000171	TPRX1	ENS000000154	C21orf91
ENS000000235	AC004448.2	ENS000000286	AL034427.1	ENS000000154	GABPA
ENS000000270	TAF15	ENS000000284	MIR4761	ENS000000159	CLIC6
ENS000000278	DDX52	ENS000000241	RN7SL704P	ENS000000223	LINC02005
ENS000000222	AC080112.1	ENS000000235	AL022318.1	ENS000000212	MT-ND4L
ENS000000279	AC015883.1	ENS000000274	AL049757.2	ENS000000198	MT-ND4
ENS000000167	LPO	ENS000000285	AL592164.2	ENS000000198	MT-CYB
ENS000000267	AC040963.1	ENS000000284	AL139398.1	ENS000000163	SUCLG1
ENS000000181	MEX3D	ENS000000287	AF274853.1	ENS000000034	TMSB10
ENS000000221	PSG3	ENS000000118	VAMP8	ENS000000118	VAMP8
ENS000000132	SNAP25	ENS000000168	VAMP5	ENS000000168	VAMP5
ENS000000227	RPL37P1	ENS000000168	RNF181	ENS000000168	RNF181
ENS000000154	JAM2	ENS000000168	USP39	ENS000000168	USP39
ENS000000274	DGKK	ENS000000212	GKC	ENS000000212	GKC
ENS000000226	AL158055.1	ENS000000135	COX5B	ENS000000135	COX5B
ENS000000231	DLG3-AS1	ENS000000158	EIF5B	ENS000000158	EIF5B
ENS000000278	CHMP1B2P	ENS000000071	RPL31	ENS000000071	RPL31
ENS000000101	ATG4A	ENS000000135	MRPS9	ENS000000135	MRPS9
ENS000000216	MIR450B	ENS000000136	CYPC	ENS000000136	CYPC
		ENS000000136	SNW1	ENS000000136	SNW1
		ENS000000078	MCMB	ENS000000078	MCMB
		ENS000000114	EEF1B2	ENS000000114	EEF1B2

#main effect (KD effect) + interaction term (is KD effect different in NHP compared to Human?)					
Human vs Chimp		Human vs Orang		Chimp vs Orang	
log2fc > 0 N = 31	log2fc < 0 N = 39	log2fc > 0 N = 56	log2fc < 0 N = 45	log2fc > 0 N = 37	log2fc < 0 N = 48
ID	symbol	ID	symbol	ID	symbol
ENS000000229	SNRFP2P	ENS000000184	NCMAP	ENS000000142	PADI3
ENS000000223	LINC01767	ENS000000285	BMP8B-AS1	ENS000000223	LINC01767
ENS000000143	FLG	ENS000000171	RRM2	ENS000000171	DNASE2B
ENS000000116	TNR	ENS000000261	AL078644.1	ENS000000207	RNVU1-1
ENS000000275	AC029348.1	ENS000000225	AL592402.1	ENS000000272	AC011816.2
ENS000000287	AC062580.4	ENS000000233	CNH3-AS2	ENS000000279	AC110491.2
ENS000000254	AC007389.1	ENS000000235	AC012506.4	ENS000000285	AC108734.4
ENS000000144	UNC90	ENS000000223	SEC13P1	ENS000000226	AL121981.1
ENS000000171	ECCL1	ENS000000196	SPATA12	ENS000000273	9X333046.1
ENS000000152	CCNO	ENS000000288	AC104472.5	ENS000000145	ADAMT516
ENS000000225	LINC02201	ENS000000278	AC008498.1	ENS000000133	SNX18P14
ENS000000270	AC006077.1	ENS000000113	LINC5A	ENS000000171	ECCL1
ENS000000176	JAKMIP2	ENS000000113	GRM5	ENS000000258	UBE2F-SCLY
ENS000000234	TRIM26	ENS000000286	AC005050.2	ENS000000188	SNTN
ENS000000106	COBL	ENS000000036	MYOM2	ENS000000240	SLC9A9-AS1
ENS000000288	AC084876.2	ENS000000212	POU5F1B	ENS000000215	ZIC1
ENS000000285	AC006452.2	ENS000000165	ADP7	ENS000000230	XXYL1T-AS2
ENS000000119	TRPM6	ENS000000287	AL355377.4	ENS000000202	RNASESP152
ENS000000230	RPL5P26	ENS000000065	PRKGQ	ENS000000242	AC093789.1
ENS000000234	TRIM26	ENS000000228	AL137025.1	ENS000000152	CCNO
ENS000000285	OOSP3	ENS000000131	ANO1	ENS000000184	AC091868.1
ENS000000288	AC084876.2	ENS000000172	CLEC7A	ENS000000221	LINC02201
ENS000000197	ATP11AUJN	ENS000000111	TRPV4	ENS000000113	PDCDHB3
ENS000000140	HDC	ENS000000287	AL391560.2	ENS000000072	MIRV11
ENS000000245	LINC01585	ENS000000180	KCTD4	ENS000000251	AC016571.1
ENS000000285	AC004381.4	ENS000000175	CHRNA7	ENS000000240	AC146507.2
ENS000000276	AC025287.2	ENS000000259	AC027139.1	ENS000000234	TRIM26
ENS000000270	TAF15	ENS000000141	MYOCD	ENS000000153	SLC25A27
ENS000000131	NAP5B	ENS000000213	KRT222	ENS000000229	RRAGD
ENS000000227	RPL37P1	ENS000000289	AC005856.1	ENS000000164	TME2M72
ENS000000278	CHMP1B2P	ENS000000267	AP005131.4	ENS000000165	COBL
		ENS000000196	CYP4F12	ENS000000228	LINC02848
		ENS000000267	LINC01532	ENS000000253	AC009908.1
		ENS000000275	AL121827.2	ENS000000119	TRPM6
		ENS000000284	MIR4761	ENS000000185	LINC00839
		ENS000000241	RN7SL704P	ENS000000225	PGA3
		ENS000000235	AL022318.1	ENS000000256	MTFR1L1P1
		ENS000000251	SHANK3	ENS000000136	PFPIA2
		ENS000000287	AF274853.1	ENS000000283	AC084876.2
		ENS000000279	AC073578.3	ENS000000124	CEACAM8
		ENS000000251	SLC25A30-AS1	ENS000000131	BRPFA3
		ENS000000235	ANKRD34C	ENS000000237	AL080243.4
		ENS000000136	TME5F1	ENS000000167	MEI1
		ENS000000245	LINC01585	ENS000000251	SHANK3
		ENS000000285	AC004381.4	ENS000000214	PNMA6E
		ENS000000276	AC025287.2	ENS000000270	TAF15
		ENS000000278	DDX52	ENS000000222	AC080112.1
		ENS000000222	AC080112.1	ENS000000207	RN7SKP180
		ENS000000258	LINC-ROR	ENS000000258	LINC-ROR
		ENS000000268	AC005614.1	ENS000000268	AC005614.1
		ENS000000093	AC016026.1	ENS000000093	AC016026.1
		ENS000000167	FAM8C	ENS000000147	LANCL3
		ENS000000147	LANCL3	ENS000000285	AL592164.2
		ENS000000278	MIR450B	ENS000000287	AF274853.1

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]