

Table S7. *upf1* target genes, less stringent set

gene ID	name	transcript	NMD status
CG10079	Egfr	CG10079-RB	target
		CG10079-RA	nontarget
CG10126		CG10126-RA	target
		CG10126-RB	nontarget
CG10371	Plip	CG10371-RA	target
		CG10371-RB	nontarget
CG10494		CG10494-RB	target
		CG10494-RA	nontarget
CG10699	Lim3	CG10699-RB	target
		CG10699-RA	nontarget
CG1088	Vha26	CG1088-RB	target
		CG1088-RA	nontarget
CG10901	osk	CG10901-RA	target
		CG10901-RB	nontarget
CG1104		CG1104-RA	target
		CG1104-RB	nontarget
CG11760		CG11760-RA	target
		CG11760-RB	nontarget
CG11779		CG11779-RA	target
		CG11779-RB	nontarget
CG1200	Aplip1	CG1200-RB	target
		CG1200-RA	nontarget
CG12101	Hsp60	CG12101-RA	target
		CG12101-RB	nontarget
CG12134		CG12134-RB	target
		CG12134-RA	nontarget
CG1233		CG1233-RA	target
		CG1233-RB	nontarget
CG12342	dgo	CG12342-RA	target
		CG12342-RB	nontarget
CG1263	RpL8	CG1263-RB	target
		CG1263-RA	nontarget
CG12891	CPTI	CG12891-RB	target
		CG12891-RA	nontarget
CG13204		CG13204-RB	target
		CG13204-RA	nontarget
CG1338	hydra	CG1338-RA	target
		CG1338-RB	nontarget
CG13521	robo	CG13521-RA	target
		CG13521-RB	nontarget
CG1362	cdc2rk	CG1362-RA	target
		CG1362-RB	nontarget
CG13900		CG13900-RA	target
		CG13900-RB	nontarget
CG13923		CG12022-RA	target
		CG13923-RA	nontarget
CG14444	APC7	CG14444-RB	target
		CG14444-RA	nontarget
CG1462	Aph-4	CG1462-RB	target
		CG1462-RA	nontarget
CG1486		CG1486-RB	target
		CG1486-RA	nontarget
CG1488	Cyp311a1	CG1488-RB	target
		CG1488-RA	nontarget
CG15117		CG15117-RA	target
		CG15117-RB	nontarget
CG15626		CG15626-RB	target
		CG15626-RA	nontarget
CG15881		CG15881-RB	target
		CG15881-RA	nontarget
CG1648		CG1648-RA	target

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG16718		CG1648-RB	nontarget
		CG16718-RB	target
		CG16718-RA	nontarget
CG17035	GXIVsPLA2	CG17035-RB	target
		CG17035-RA	nontarget
CG18009	Trf2	CG18009-RA	target
		CG18009-RD	nontarget
CG1866	Moca-cyp	CG1866-RB	target
		CG1866-RA	nontarget
CG1902		CG1902-RC	target
CG2152	Pcmt	CG1902-RA	nontarget
		CG2152-RB	target
		CG2152-RA	nontarget
CG2177		CG2177-RB	target
CG2179	Xe7	CG2177-RA	nontarget
		CG2179-RA	target
		CG2179-RB	nontarget
CG30015		CG30015-RA	target
		CG30015-RB	nontarget
CG31751		CG31751-RB	target
		CG31751-RA	nontarget
		CG3182-RB	target
CG3182	sei	CG3182-RA	nontarget
		CG31961-RA	target
CG31961		CG31961-RB	nontarget
		CG32140-RB	target
		CG32140-RA	nontarget
CG3217	CkIIalpha-i3	CG3217-RB	target
		CG3217-RA	nontarget
CG3241	msl-2	CG3241-RB	target
		CG3241-RA	nontarget
CG32647		CG32647-RA	target
		CG32647-RB	nontarget
CG33085		CG33085-RD	target
		CG33085-RA	nontarget
CG33206	l(1)G0168	CG33206-RB	target
		CG33206-RA	nontarget
		CG3358-RA	target
CG3358		CG3358-RB	nontarget
		CG3530-RB	target
CG3530		CG3530-RA	nontarget
		CG3629-RB	target
		CG3629-RA	nontarget
CG3629	Dll	CG3731-RA	target
		CG3731-RB	nontarget
CG3731		CG3861-RA	target
		CG3861-RB	nontarget
CG3861	kdn	CG4059-RA	target
		CG4059-RB	nontarget
CG4059	ftz-f1	CG4070-RB	target
		CG4070-RA	nontarget
CG4070	Tis11	CG4143-RB	target
		CG4143-RA	nontarget
CG4143	mbf1	CG4247-RB	target
		CG4247-RA	nontarget
CG4247	mRpS10	CG4590-RB	target
		CG4590-RA	nontarget
CG4590	inx2	CG4609-RA	target
		CG4609-RB	nontarget
CG4609	fax	CG4673-RB	target
		CG4673-RA	nontarget
CG4673		CG4673-RB	target
		CG4673-RA	nontarget

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG4712		CG4712-RB	target
		CG4712-RA	nontarget
CG4795	Cpn	CG4795-RB	target
		CG4795-RA	nontarget
CG5081	Syx7	CG5081-RA	target
		CG5081-RB	nontarget
CG5215	Zn72D	CG5215-RA	target
		CG5215-RB	nontarget
CG5326		CG5326-RB	target
		CG5326-RA	nontarget
CG5394	Aats-glupro	CG5394-RA	target
		CG5394-RB	nontarget
CG5613		CG5613-RB	target
		CG5613-RA	nontarget
CG5625		CG5625-RA	target
		CG5625-RB	nontarget
CG5729	Dgp-1	CG5729-RB	target
		CG5729-RA	nontarget
CG5785	thr	CG5785-RB	target
		CG5785-RA	nontarget
CG5854		CG5854-RA	target
		CG5854-RB	nontarget
CG5896	grass	CG5896-RA	target
		CG5896-RB	nontarget
CG6023		CG6023-RB	target
		CG6023-RA	nontarget
CG6084		CG6084-RB	target
		CG6084-RA	nontarget
CG6090	RpL34a	CG6090-RB	target
		CG6090-RA	nontarget
CG6297	JIL-1	CG6297-RA	target
		CG6297-RB	nontarget
CG6315	fl(2)d	CG6315-RB	target
		CG6315-RA	nontarget
CG6454		CG6454-RA	target
		CG6454-RB	nontarget
CG6608		CG6608-RB	target
		CG6608-RA	nontarget
CG6726		CG6726-RA	target
		CG6726-RB	nontarget
CG6767		CG6767-RA	target
		CG6767-RB	nontarget
CG6798	nAcRbeta-96A	CG6798-RA	target
		CG6798-RB	nontarget
CG6829	Ark	CG6829-RB	target
		CG6829-RA	nontarget
CG6891		CG6891-RB	target
		CG6891-RA	nontarget
CG7070	PyK	CG7070-RB	target
		CG7070-RA	nontarget
CG7263		CG7263-RA	target
		CG7263-RB	nontarget
CG7334	Sug	CG7334-RA	target
		CG7334-RB	nontarget
CG7540	M6	CG7540-RA	target
		CG7540-RB	nontarget
CG7725	rogdi	CG7725-RA	target
		CG7725-RB	nontarget
CG7908	Tace	CG7908-RB	target
		CG7908-RA	nontarget
CG8318	Nf1	CG8318-RB	target

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG8327	SpdS	CG8318-RC	nontarget
		CG8327-RB	target
CG8332	RpS15	CG8327-RA	nontarget
		CG8332-RB	target
CG8376	ap	CG8332-RA	nontarget
		CG8376-RB	target
CG8430	Got1	CG8376-RA	nontarget
		CG8430-RA	target
CG8486		CG8430-RB	nontarget
		CG8486-RB	target
CG8495	RpS29	CG8486-RA	nontarget
		CG8495-RA	target
CG8557		CG8495-RC	nontarget
		CG8557-RA	target
CG8765		CG8557-RB	nontarget
		CG8765-RA	target
CG8783		CG8765-RB	nontarget
		CG8783-RA	target
CG8811	muskelin	CG8783-RB	nontarget
		CG8811-RA	target
CG8944		CG8811-RB	nontarget
		CG8944-RB	target
CG8956	Ahcy89E	CG8944-RA	nontarget
		CG8956-RC	target
CG9195	Scamp	CG8956-RD	nontarget
		CG9195-RA	target
CG9248		CG9195-RB	nontarget
		CG9248-RB	target
CG9256	Nhe2	CG9248-RA	nontarget
		CG9256-RA	target
CG9354	RpL34b	CG9256-RB	nontarget
		CG9354-RA	target
CG9413		CG9354-RB	nontarget
		CG9413-RA	target
CG9415	Xbp1	CG9413-RB	nontarget
		CG9415-RA	target
CG9425		CG9415-RB	nontarget
		CG9425-RB	target
CG9611		CG9425-RA	nontarget
		CG9611-RB	target
CR32885	pgc	CG9611-RA	nontarget
		CR32885-RB	target
CG10023	Fak56D	CR32885-RA	nontarget
		CG10023-RA	target
CG10107		CG10023-RB	nontarget
		CG10023-RC	possibly absent
CG10121	SP1173	CG10107-RA	target
		CG10107-RC	target
CG10772	Fur1	CG10107-RB	nontarget
		CG10121-RB	target
CG10868	orb	CG10121-RA	nontarget
		CG10121-RC	possibly absent
		CG10121-RD	possibly absent
		CG10772-RC	target
		CG10772-RD	nontarget
		CG10772-RA	possibly absent
		CG10772-RB	possibly absent
		CG10772-RE	possibly absent
		CG10772-RF	possibly absent
		CG10868-RC	target
		CG10868-RA	nontarget

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG10948		CG10868-RB	nontarget
		CG10948-RB	target
		CG10948-RC	nontarget
CG11081	plexA	CG10948-RA	possibly absent
		CG11081-RA	target
		CG11081-RD	nontarget
		CG11081-RB	possibly absent
CG11100	Mes2	CG11081-RC	possibly absent
		CG11100-RC	target
		CG11100-RA	nontarget
CG11163		CG11100-RB	nontarget
		CG11163-RA	target
		CG11163-RB	target
CG11537		CG11163-RD	target
		CG11163-RC	nontarget
		CG11537-RC	target
		CG11537-RA	nontarget
CG12085	pUf68	CG11537-RB	possibly absent
		CG12085-RD	target
		CG12085-RB	nontarget
		CG12085-RA	possibly absent
CG1213		CG12085-RC	possibly absent
		CG1213-RA	target
		CG1213-RB	nontarget
CG12746		CG1213-RC	nontarget
		CG12746-RB	target
		CG12746-RD	nontarget
		CG12746-RA	possibly absent
CG14217	Tao-1	CG12746-RC	possibly absent
		CG14217-RB	target
		CG14217-RA	nontarget
		CG14217-RD	possibly absent
CG14414		CG14217-RE	possibly absent
		CG14414-RA	target
		CG14414-RB	nontarget
CG14823		CG14414-RC	possibly absent
		CG14823-RC	target
		CG14823-RA	nontarget
		CG14823-RB	nontarget
CG14938	crol	CG14823-RD	nontarget
		CG14938-RB	target
		CG14938-RA	nontarget
		CG14938-RD	nontarget
CG1623		CG14938-RC	possibly absent
		CG1623-RA	target
		CG1623-RC	target
CG1634	Nrg	CG1623-RE	nontarget
		CG1634-RC	target
		CG1634-RB	nontarget
		CG1634-RA	possibly absent
CG16833		CG16833-RA	target
		CG16833-RB	nontarget
		CG16833-RC	possibly absent
CG16901	sqd	CG16833-RC	possibly absent
		CG16901-RD	target
		CG16901-RB	nontarget
		CG16901-RA	possibly absent
CG16952		CG16901-RC	possibly absent
		CG16952-RB	target
		CG16952-RA	nontarget
CG16973	msn	CG16952-RC	possibly absent
		CG16973-RA	target

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
		CG16973-RD	target
		CG16973-RB	nontarget
		CG16973-RC	possibly absent
		CG16973-RE	possibly absent
CG17332	VhaSFD	CG17332-RA	target
		CG17332-RB	nontarget
		CG17332-RD	possibly absent
CG17834		CG17834-RB	target
		CG17834-RA	nontarget
		CG17834-RC	possibly absent
		CG17834-RD	possibly absent
CG18069	CaMKII	CG18069-RB	target
		CG18069-RC	nontarget
		CG18069-RA	possibly absent
CG18769		CG18769-RF	target
		CG18769-RB	nontarget
		CG18769-RA	possibly absent
		CG18769-RC	possibly absent
		CG18769-RD	possibly absent
		CG18769-RE	possibly absent
CG1877	lin19	CG1877-RA	target
		CG1877-RD	nontarget
		CG1877-RB	possibly absent
		CG1877-RC	possibly absent
CG2216	Fer1HCH	CG2216-RA	target
		CG2216-RB	target
		CG2216-RC	target
		CG2216-RD	nontarget
		CG2216-RE	possibly absent
CG2225		CG2225-RC	target
		CG2225-RD	nontarget
		CG2225-RA	possibly absent
		CG2225-RB	possibly absent
		CG2225-RE	possibly absent
CG2304	Trc8	CG2304-RA	target
		CG2304-RD	target
		CG2304-RB	nontarget
		CG2304-RC	possibly absent
CG31045	Mhcl	CG31045-RA	target
		CG31045-RD	nontarget
		CG31045-RB	possibly absent
		CG31045-RC	possibly absent
		CG31045-RE	possibly absent
CG31237	Rpb4	CG31318-RA	target
		CG31318-RB	target
		CG31237-RA	nontarget
CG31305		CG31305-RA	target
		CG31305-RG	nontarget
		CG31305-RI	nontarget
		CG31305-RB	possibly absent
		CG31305-RD	possibly absent
		CG31305-RF	possibly absent
CG31332	unc-115	CG31332-RA	target
		CG31332-RB	target
		CG31332-RD	target
		CG31332-RC	nontarget
CG31536	Cdep	CG31536-RA	target
		CG31536-RC	target
		CG31536-RB	nontarget
CG31764	vir-1	CG31764-RA	target
		CG31764-RB	nontarget

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG32018	Zyx102EF	CG31764-RC	nontarget
		CG32018-RB	target
		CG32018-RC	target
		CG32018-RE	nontarget
		CG32018-RA	possibly absent
		CG32018-RD	possibly absent
		CG32018-RF	possibly absent
CG32423	shep	CG32018-RG	possibly absent
		CG32423-RD	target
		CG32423-RB	nontarget
		CG32423-RA	possibly absent
CG32508	shaking B	CG32423-RC	possibly absent
		CG32508-RA	target
		CG32508-RB	nontarget
CG32538	gfA	CG32508-RC	nontarget
		CG32538-RA	target
		CG32538-RB	nontarget
CG32858	sn	CG32538-RC	nontarget
		CG32858-RB	target
		CG32858-RA	nontarget
CG33054		CG32858-RC	possibly absent
		CG33056-RB	target
		CG33056-RD	target
		CG33054-RA	nontarget
		CG33056-RC	nontarget
CG33129		CG33054-RB	possibly absent
		CG33056-RA	possibly absent
		CG33056-RE	possibly absent
		CG33129-RE	target
		CG33129-RA	nontarget
CG33184		CG33129-RB	nontarget
		CG33129-RC	possibly absent
		CG33184-RC	target
CG33261	Trl	CG33184-RA	nontarget
		CG33184-RB	possibly absent
		CG33261-RF	target
		CG33261-RA	nontarget
		CG33261-RC	nontarget
CG3638		CG33261-RD	nontarget
		CG33261-RE	nontarget
		CG33261-RB	possibly absent
		CG3638-RC	target
CG3948	zetaCOP	CG3638-RA	nontarget
		CG3638-RB	nontarget
		CG3638-RD	nontarget
		CG3948-RC	target
CG4016	Spt-I	CG3948-RA	nontarget
		CG3948-RB	nontarget
		CG4016-RB	target
CG4239		CG4016-RA	nontarget
		CG4016-RC	possibly absent
CG4376	Actn	CG4239-RA	target
		CG4239-RB	target
		CG4239-RC	nontarget
CG4389		CG4376-RB	target
		CG4376-RA	nontarget
		CG4376-RC	possibly absent
CG4452		CG4389-RA	target
		CG4389-RB	nontarget
		CG4389-RC	possibly absent
		CG4452-RB	target

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG4816	qkr54B	CG4452-RA	nontarget
		CG4452-RC	possibly absent
		CG4816-RA	target
		CG4816-RB	nontarget
CG4921	Rab4	CG4816-RC	possibly absent
		CG4921-RC	target
		CG4921-RA	nontarget
		CG4921-RB	possibly absent
CG5288		CG5288-RB	target
		CG5288-RC	target
		CG5288-RA	nontarget
CG5461	bun	CG5461-RA	target
		CG5461-RB	nontarget
		CG5461-RC	possibly absent
CG5486	Ubp64E	CG5486-RB	target
		CG5486-RA	nontarget
		CG5486-RC	possibly absent
		CG6854-RA	target
CG6854		CG6854-RB	nontarget
		CG6854-RC	possibly absent
		CG6946-RC	target
CG6946	glo	CG6946-RA	nontarget
		CG6946-RB	possibly absent
		CG7176-RF	target
CG7176	Idh	CG7176-RD	nontarget
		CG7176-RA	possibly absent
		CG7176-RB	possibly absent
		CG7176-RC	possibly absent
		CG7176-RE	possibly absent
		CG7176-RG	possibly absent
		CG7283	RpL10Ab
CG7555	Nedd4	CG7283-RA	nontarget
		CG7283-RC	possibly absent
		CG7555-RD	target
CG7926	Axn	CG7555-RB	nontarget
		CG7555-RA	possibly absent
		CG7555-RC	possibly absent
		CG7926-RA	target
CG8121		CG7926-RB	nontarget
		CG7926-RC	possibly absent
		CG8121-RA	target
CG8127	Eip75B	CG8121-RC	target
		CG8121-RB	nontarget
		CG8127-RB	target
		CG8127-RA	nontarget
CG8178	Nach	CG8127-RC	possibly absent
		CG8127-RD	possibly absent
		CG8178-RB	target
CG8363	Paps	CG8178-RC	nontarget
		CG8178-RA	possibly absent
		CG8363-RE	target
		CG8363-RD	nontarget
CG8440	Lis-1	CG8363-RA	possibly absent
		CG8363-RB	possibly absent
		CG8363-RC	possibly absent
		CG8440-RC	target
		CG8440-RD	target
		CG8440-RE	nontarget
		CG8440-RA	possibly absent
		CG8440-RB	possibly absent
		CG8440-RF	possibly absent

Continued on next page

Table S7 – continued from previous page

gene ID	name	transcript	NMD status
CG8465	l(1)G0222	CG8465-RA	target
		CG8465-RC	nontarget
		CG8465-RB	possibly absent
CG8663	nrν3	CG8663-RB	target
		CG8663-RD	nontarget
		CG8663-RA	possibly absent
		CG8663-RC	possibly absent
CG8732	l(2)44DEa	CG8732-RA	target
		CG8732-RB	nontarget
		CG8732-RC	possibly absent
CG9277	betaTub56D	CG9277-RB	target
		CG9277-RA	nontarget
		CG9277-RC	possibly absent
		CG9277-RD	possibly absent
CG9381	mura	CG9381-RA	target
		CG9381-RB	nontarget
		CG9381-RC	possibly absent
CG9755	pum	CG9755-RC	target
		CG9755-RE	target
		CG9755-RA	nontarget
		CG9755-RB	possibly absent
		CG9755-RD	possibly absent
CG9772		CG9772-RA	target
		CG9772-RC	nontarget
		CG9772-RB	possibly absent