



D-021769-21	D-021769-21	ATP11A	23250	NM_032189	150421680	GAGCCAGAGUGGAGCGUAA
D-007268-01	D-007268-01	BCL9	607	NM_004326	72256199	CUACUGAGAUGGCCAAUAA
D-013017-02	D-013017-02	C10ORF137	26098	NM_015608	31742483	GAAGGACUCUCUUACUAGA
D-005766-03	D-005766-03	ADAMTS15	170689	NM_139055	21265057	CUGCGAGCGUCUUCUUAUU
D-005769-03	D-005769-03	ADAMTS18	170692	NM_199355	149158721	GCCAGUAUCUCAAGAAUUU
D-005772-02	D-005772-02	ADAMTS20	80070	NM_025003	124430556	GCAAAACACUGUGGAUUUA
D-010232-02	D-010232-02	AKAP12	9590	NM_005100	21493021	GACACAAGCUCACCGUGAUA
D-020426-17	D-020426-17	ATP13A	57130	NM_020410	9966896	UCAAGAGCCUGGCGCUCAA
D-032653-02	D-032653-02	ATP13A5	344905	NM_198505	66730420	GAAUUUACCAGUAUCUCAU
D-021248-02	D-021248-02	C15ORF2	23742	NM_018958	112421133	GCAUUGGGCACACCGUUAU
D-010720-02	D-010720-02	CD164L1	57124	NM_020404	9966884	GCAGCCAACUAUCCAGAU
D-004570-02	D-004570-02	MCP	4179	NM_002389	27502401	AGAGAAACAUUGCCAUUAU
D-012279-02	D-012279-02	CHL1	10752	NM_006614	27894375	GAAGUAUACAGGAGUAAAU
D-019199-02	D-019199-02	CNTN4	152330	NM_175607	28373121	CCGAAACAUCAUUGGAA
D-011012-02	D-011012-02	COL3A1	1281	NM_000090	110224482	CAUUAUGAUGUCAAGUCUGG
D-007884-02	D-007884-02	DSCAM1	57453	NM_020693	21359934	GCAGAAUUGUUAUAGCA
D-021367-04	D-021367-04	DTNB	1838	NM_033148	37577100	GCACAGGCUUGCCCAUGUU
D-004888-04	D-004888-04	ERCC6	2074	NM_000124	4557564	GAAGAGCCUUGCGUUC
D-011032-02	D-011032-02	F8	2157	NM_000132	10518504	GCACCCAACUUAUUAUGC
D-022697-02	D-022697-02	FLJ13305	84140	NM_032180	83523747	GGAGUUACCCAAACCUAGAA
D-004264-04	D-004264-04	FBXW7	55294	NM_001013415	61743925	GAACUCAAAUCUCCUAAAGG
D-008341-02	D-008341-02	GALNS	2588	NM_000512	61698137	CAACGGCGUCGCCUUAUU
D-010825-02	D-010825-02	GNAS	2778	NM_001077488	117938761	GAGAUGAGUUUCUGAGGAU
D-005616-02	D-005616-02	GRM1	2911	NM_000838	6006005	GAUUAUUUGUGCAAGAU
D-006730-02	D-006730-02	GUCY1A2	2977	NM_000855	4504210	GACAGUGGAUCUUCUUAUU
D-019514-02	D-019514-02	HAPLN1	1404	NM_001884	40254458	GAUUAUUUGCUGCCUGGAA
D-012049-02	D-012049-02	HIST1H1B	3009	NM_005322	15718716	GGAGCGCAAUUGCCUUUCU
D-018298-03	D-018298-03	FLJ37794	283284	NM_173588	148232257	GGUCUGAGCGCACACGCUUA
D-011480-02	D-011480-02	IRS4	8471	NM_003604	4504732	UGAAACAGGUCGAUUCUUAU
D-008006-02	D-008006-02	ITGAE	3682	NM_002208	148728187	CAACAAAUCUCUUAUAGAG
D-017253-02	D-017253-02	SMARCA2	6595	NM_003070	48255899	CCGCAUAGCUCUAUAGGAUA
D-006275-02	D-006275-02	KCNQ5	56479	NM_019842	28373064	GACAUGUUGUGUAGAAUUA
D-022627-02	D-022627-02	KIAA0182	23199	NM_014615	44955925	GAACUGGACCACUUAACGAA
D-003984-02	D-003984-02	KIAA0556	23247	NM_015202	54792777	GAAGAAGCCUGGAACUUAAG
D-024823-02	D-024823-02	KIAA2022	340533	NM_001008537	56711285	AAUCCAUCUGUCUCAUAUA
D-018002-02	D-018002-02	K6IRS3	319101	NM_175068	31341282	GAUAUUAACCAUCUCCUGA
D-019252-02	D-019252-02	LMO7	4008	NM_005358	111119012	GAAGUAUUAUUGGAGAUUU
D-010348-04	D-010348-04	MAP1B	4131	NM_005909	153945727	GAACAGUCCUCAAUUGUCUA
D-007299-03	D-007299-03	MAP2	4133	NM_031845	87578391	GAAGAAGGUUCCGCAUUAU
D-004016-04	D-004016-04	MAP2K7	5609	NM_145185	21735543	GACCUCAAACUUGGAUUAUCA
D-012462-04	D-012462-04	MAPK8IP2	23542	NM_016431	117446084	CGCAACAGCUCUUAUUUCG
D-007039-02	D-007039-02	MLL3	58508	NM_170606	91718901	GAACAAGGAUUCCGAGAA
D-017137-22	D-017137-22	MYOHD1	80179	NM_001033580	75812979	CGCCCGAGCUAAUAGAGAGA
D-018348-02	D-018348-02	NAV3	89795	NM_014903	120953250	GAAAGAGCUUAGGGAAUAU
D-003916-02	D-003916-02	NF1	4763	NM_000267	109826365	GAUAGAAGCUACAGUAAUA
D-006490-02	D-006490-02	NOS3	4846	NM_000603	40254421	CGGAACAGCACAAGAGUUA
D-020443-02	D-020443-02	NTNG1	22854	NM_014917	54312077	ACACUUGGCACGCUACUUU
D-027177-03	D-027177-03	OBSCN	84033	NM_052843	58331252	CAGGAGAGUCCAAUUUGU
D-019291-02	D-019291-02	PHIP	55023	NM_017934	38679895	CGCAUAGCAAUACAGUUA
D-020688-03	D-020688-03	PRDM9	56979	NM_020227	147905619	CCACACAGCCGUAAUGACA
D-005028-02	D-005028-02	PRKCM	5587	NM_002742	115529462	GAAGAGGUUUUGUUAUUA
D-003023-06	D-003023-06	PTEN	5728	NM_000314	110224474	GAUCAGCAUACACAUAUUA
D-008527-02	D-008527-02	PTPRD	5789	NM_130393	104486447	GAAGAAAUCUCGCGGGAAA
D-016380-02	D-016380-02	C13ORF7	79596	NM_024546	88759347	GAUUUGGAGUUUGGUUAUCA
D-016067-03	D-016067-03	SFRS6	6431	NM_006275	38158029	GCGACAAGCAGGUGAAGUA
D-016937-02	D-016937-02	SH3TC1	54436	NM_018986	145386550	CAGGGAAGAUUAUUAUCAU
D-003709-02	D-003709-02	SLC29A1	2030	NM_001078176	118582264	GCCAUGAUCUGCGCUAUUG
D-003561-02	D-003561-02	SMAD2	4087	NM_005901	118572580	GCAGAAACUAUCCUACUAU
D-014039-02	D-014039-02	SYNE1	23345	NM_133650	154277119	GCAAAGCCUUGGAUGAUAG
D-009341-02	D-009341-02	TAF2	6873	NM_003184	115527086	GAAACACGUUAUGAGUUA
D-017916-02	D-017916-02	TCERG1L	256536	NM_174937	148727263	GUAAAUUGCUGCUAGCCAA
D-003816-02	D-003816-02	TCF7L2	6934	NM_030756	141801196	CCUCAGCGCUCCUUAAGAAA
D-003930-02	D-003930-02	TGFBR2	7048	NM_003242	133908633	GAACAUACACUAGAGACA
D-003932-02	D-003932-02	TIAM1	7074	NM_003253	115583669	GAAGGAGUCCAGCUUUUU
D-003329-07	D-003329-07	TP53	7157	NM_000546	120407067	GCACAGAGGAAGAAUUCU
D-007117-02	D-007117-02	UHRF2	115426	NM_152896	23312363	CCAAGAGAACACAUAUUA
D-008334-04	D-008334-04	UQCRC2	7385	NM_003366	50592987	GGCUAAUUGCUGAUUAUCAU
D-019932-02	D-019932-02	ZNF262	9202	NM_005095	44890067	GAAGAAGUUAUAGUGGCU
D-013382-02	D-013382-02	UBB	7314	NM_018955	22538474	GUUAGCAGAUUCUGUGAA
D-004128-02	D-004128-02	ABCA1	19	NM_005502	21536375	GAACCUACUUAUCAGAGA
D-007301-02	D-007301-02	ABCB11	8647	NM_003742	21536377	AAAGAGAGUUUUAAGGUA
D-011203-04	D-011203-04	AGC1	176	NM_001135	126090882	GCACUGAGUUCUUGGAUU
D-006327-02	D-006327-02	ACSL5	51703	NM_016234	12669912	GAAGAACAUGACCUAACA
D-008808-02	D-008808-02	ADAM29	11086	NM_014269	73765551	GAUUUAACAUUGCCGAUUGG
D-022416-02	D-022416-02	ADAMTSL3	57188	NM_207517	145275197	GAACAUAAUCCUUGGACUG
D-020743-02	D-020743-02	ADARB2	105	NM_018702	161377416	CGCGGAGUUGGAGAUUAU
D-008497-04	D-008497-04	AKAP6	9472	NM_004274	21493044	AGACGGAGCUGCUUAUUA
D-003103-06	D-003103-06	ALK	238	NM_004304	29029631	GGAAGAGUCUGGCAGUUA

D-003869-06	D-003869-06	APC	324	NM_000038	53759121	GAGAAUACGUCCACACUU
D-013460-03	D-013460-03	ARHGEF10	9639	NM_014629	62548863	GACGAUGGAAUACAUUA
D-021769-22	D-021769-22	ATP11A	23250	NM_032189	150421680	CGGCAAGCUCGUUCGGAAA
D-007268-02	D-007268-02	BCL9	607	NM_004326	72256199	GCCAGACGUCGAAUUAUU
D-013017-03	D-013017-03	C10ORF137	26098	NM_015608	31742483	GAGCACGAUUCGACGUUA
D-005766-04	D-005766-04	ADAMTS15	170689	NM_139055	21265057	CCAAGCGUUUCUGUCUAU
D-005769-04	D-005769-04	ADAMTS18	170692	NM_199355	149158721	GGGCACAACUUUGGUAUGA
D-005772-03	D-005772-03	ADAMTS20	80070	NM_025003	124430556	GAAAGGAUGGUGACUAUA
D-010232-03	D-010232-03	AKAP12	9590	NM_005100	21493021	CGACAGAAGUGUUUGAUGA
D-020426-18	D-020426-18	ATP13A	57130	NM_020410	9966896	GCCUCAAGUUCGUCGGCUU
D-032653-03	D-032653-03	ATP13A5	344905	NM_198505	66730420	CAACAUGUGUGGCAAAUA
D-021248-03	D-021248-03	C15ORF2	23742	NM_018958	112421133	GGUGAUCAGUCUUAUGAGA
D-010720-03	D-010720-03	CD164L1	57124	NM_020404	9966884	GGACCUCGAGAUAGAGUUG
D-004570-03	D-004570-03	MCP	4179	NM_002389	27502401	GGACUUACGAGUUUGGUUA
D-012279-03	D-012279-03	CHL1	10752	NM_006614	27894375	GCGAGUAUUAUUGUAUUU
D-019199-03	D-019199-03	CNTN4	152330	NM_175607	28373121	ACUJAGCUGUCAAGGCAUA
D-011012-03	D-011012-03	COL3A1	1281	NM_000090	110224482	GAUGGUGUUUUUCAGUUUA
D-007884-03	D-007884-03	DSCAML1	57453	NM_020693	21359934	CAUCAAGCUGUCCUUUCA
D-021367-05	D-021367-05	DTNB	1838	NM_033148	37577100	AAGCUGAGCCAUCAAUAU
D-004888-05	D-004888-05	ERCC6	2074	NM_000124	4557564	CGACAGAAGUAUAAUAAAG
D-011032-03	D-011032-03	F8	2157	NM_000132	10518504	UUAAUAGUUGCAGCAUCC
D-022697-04	D-022697-04	FLJ13305	84140	NM_032180	83523747	GAUGAGAGAAUCCACACGA
D-004264-05	D-004264-05	FBXW7	55294	NM_001013415	61743925	CAACAACGACGCCGAAUUA
D-008341-03	D-008341-03	GALNS	2588	NM_000512	61698137	GGAGAUUGUUGGCGAGAUU
D-010825-03	D-010825-03	GNAS	2778	NM_001077488	117938761	GAACGUGCCUGACUUUGAC
D-005616-04	D-005616-04	GRM1	2911	NM_000838	6006005	CAACUAACCCUGGUGGUA
D-006730-03	D-006730-03	GUCY1A2	2977	NM_000855	4504210	CCAGAAUUUGAUGAUGU
D-019514-03	D-019514-03	HAPLN1	1404	NM_001884	40254458	ACACAGAGGUGGCAUUGU
D-012049-03	D-012049-03	HIST1H1B	3009	NM_005322	15718716	GCUAAGAAGAAAGGCAACUA
D-018298-04	D-018298-04	FLJ37794	283284	NM_173588	148232257	GCAAGUACGAUGUGAAGCA
D-011480-03	D-011480-03	IRS4	8471	NM_003604	4504732	GAGCCACCCUUUCUAAAAG
D-008006-03	D-008006-03	ITGAE	3682	NM_002208	148728187	GAGAAUCCUUUCCAAACA
D-017253-03	D-017253-03	SMARCA2	6595	NM_003070	48255899	GAAGGGCACUGGUAUGCGA
D-006275-03	D-006275-03	KCNQ5	56479	NM_019842	28373064	CAACACAGGUGCCAAUUAAG
D-022627-03	D-022627-03	KIAA0182	23199	NM_014615	44955925	CCAUAUGAGGAGGAGAGUG
D-003984-03	D-003984-03	KIAA0556	23247	NM_015202	54792777	GCAGAGGAAACCGGAUUAU
D-024823-03	D-024823-03	KIAA2022	340533	NM_001008537	56711285	CAAGAAUAGGCUAUUGUUG
D-018002-03	D-018002-03	K6IRS3	319101	NM_175068	31341282	GCGAAGUUGGUGGAGGACUA
D-019252-03	D-019252-03	LMO7	4008	NM_005358	111119012	UAGCAGAAUUGGAUAAUUA
D-010348-05	D-010348-05	MAP1B	4131	NM_005909	153945727	UAGGUAACCUUGAUGAUGUA
D-007299-04	D-007299-04	MAP2	4133	NM_031845	87578391	GACCUCAGCUGACAGAGAA
D-004016-05	D-004016-05	MAP2K7	5609	NM_145185	21735543	GGCGAGGAGUUCGACCUCAA
D-012462-20	D-012462-20	MAPK8IP2	23542	NM_016431	117446084	UGUACGACGCGGCUAAGUA
D-007039-03	D-007039-03	MLL3	58508	NM_170606	91718901	GCAAUUGUCUUUCUGGAUA
D-017137-23	D-017137-23	MYOHD1	80179	NM_001033580	75812979	GGGAGGUCCUGCUGUAACA
D-018348-03	D-018348-03	NAV3	89795	NM_014903	120953250	GAAAGGACAUUCGCAUAUA
D-003916-04	D-003916-04	NF1	4763	NM_000267	109826365	CAACAAGCJUAUUCUUUA
D-006490-03	D-006490-03	NOS3	4846	NM_000603	40254421	CGAGGAGACUUCGAAUUCU
D-020443-03	D-020443-03	NTNG1	22854	NM_014917	54312077	UGAGCUAACAGACAACAUA
D-027177-05	D-027177-05	OBSCN	84033	NM_052843	58331252	GCAGACAGCGACACCUUA
D-019291-03	D-019291-03	PHIP	55023	NM_017934	38679895	CAACAACUUUAUCGUAACA
D-020688-04	D-020688-04	PRDM9	56979	NM_020227	147905619	GGAUAAUACGGCCAGGAA
D-005028-03	D-005028-03	PRKCM	5587	NM_002742	115529462	GAUUGCAGCUUUAUGUAU
D-003023-07	D-003023-07	PTEN	5728	NM_000314	110224474	GGCGCUAUGUGUAUUAUUA
D-008527-03	D-008527-03	PTPRD	5789	NM_130393	104486447	CCAACAAGCUCUUAUCUAUU
D-016380-03	D-016380-03	C13ORF7	79596	NM_024546	88759347	CCAAAGGUUCUCUAACUA
D-016067-04	D-016067-04	SFRS6	6431	NM_006275	38158029	CGUACGAAUACAGGCUUA
D-016937-03	D-016937-03	SH3TC1	54436	NM_018986	145386550	GAACGUGGCCUUGUACACA
D-003709-03	D-003709-03	SLC29A1	2030	NM_001078176	118582264	AGAGGAUUCUGGAAUUAU
D-003561-03	D-003561-03	SMAD2	4087	NM_005901	118572580	GAAGAGGAGUGCGCUUAUA
D-014039-03	D-014039-03	SYNE1	23345	NM_133650	154277119	GAAGAGACGUGGCGAUGU
D-009341-04	D-009341-04	TAF2	6873	NM_003184	115527086	GAGCUUGGUGUUGGUUCUA
D-017916-03	D-017916-03	TCERG1L	256536	NM_174937	148727263	CAUAACAGCCUUAAGGUGA
D-003816-03	D-003816-03	TCF7L2	6934	NM_030756	141801196	AAAGUGCGUUCGCUACAUA
D-003930-03	D-003930-03	TGFBR2	7048	NM_003242	133908633	CAACAACGUGGACAGUCAAG
D-003932-04	D-003932-04	TIAM1	7074	NM_003253	115583669	GAAGUGUCUUAACCUAACG
D-003329-08	D-003329-08	TP53	7157	NM_000546	120407067	GAAGAAACACUGGAUGGA
D-007117-03	D-007117-03	UHRF2	115426	NM_152896	23312363	GAAAUUACCAUUAUGAAGA
D-008334-05	D-008334-05	UQCRC2	7385	NM_003366	50592987	GGUGAUUGCUUCUUUGGAA
D-019932-03	D-019932-03	ZNF262	9202	NM_005095	44890067	GACACCAUGUUAACACGUA
D-013382-03	D-013382-03	UBB	7314	NM_018955	22538474	GACCAUCACUCUGGAGGUG
D-004128-03	D-004128-03	ABCA1	19	NM_005502	21536375	CGACAAGGCCGACCAUUA
D-007301-03	D-007301-03	ABCB11	8647	NM_003742	21536377	GGAAUUGCCUUCGCGAGUA
D-011203-05	D-011203-05	AGC1	176	NM_001135	126090882	GAUCGUGACCCAAGUGGUU
D-006327-03	D-006327-03	ACSL5	51703	NM_016234	12669912	GAUAGGAAUUGAGAGAAA
D-008808-03	D-008808-03	ADAM29	11086	NM_014269	73765551	UGACAGAAUUCCAUAUAU
D-022416-03	D-022416-03	ADAMTSL3	57188	NM_207517	145275197	ACAAUCCGAUGUCCUGUA
D-020743-03	D-020743-03	ADARB2	105	NM_018702	161377416	GGACUCAGAGGGAUCGAUA

D-008497-05	D-008497-05	AKAP6	9472	NM_004274	21493044	GUAUAGGACCCUGGUUA
D-003103-07	D-003103-07	ALK	238	NM_004304	29029631	GCACGUGGCUCGGGACAUU
D-003869-07	D-003869-07	APC	324	NM_000038	53759121	GAACUAGAUACACCAUAA
D-013460-04	D-013460-04	ARHGEF10	9639	NM_014629	62548863	GACCUAACCCGUUUAAAGG
D-021769-23	D-021769-23	ATP11A	23250	NM_032189	150421680	GCAUAGGUGUCAUCGGCAA
D-007268-03	D-007268-03	BCL9	607	NM_004326	72256199	GAACAUUUUUAACAACAAG
D-013017-04	D-013017-04	C10ORF137	26098	NM_015608	31742483	UGAAAGCGCUAAGGUCAUU
D-005766-05	D-005766-05	ADAMTS15	170689	NM_139055	21265057	GCAAGAAGGUGACUGGACU
D-005769-05	D-005769-05	ADAMTS18	170692	NM_199355	149158721	GGUGUGAGACCAAGUUUUAU
D-005772-05	D-005772-05	ADAMTS20	80070	NM_025003	124430556	CAAGAACUGUCCCGAGUGA
D-010232-04	D-010232-04	AKAP12	9590	NM_005100	21493021	AUAAAGAGAUAGGCUACUAA
D-020426-19	D-020426-19	ATP13A	57130	NM_020410	9966896	AGAGGGUGACUGCGAACAA
D-032653-04	D-032653-04	ATP13A5	344905	NM_198505	66730420	GGAGAAAGUUAUACCGUUA
D-021248-04	D-021248-04	C15ORF2	23742	NM_018958	112421133	CAGAAUUUUAUCGAGUGUA
D-010720-04	D-010720-04	CD164L1	57124	NM_020404	9966884	CCACCAGCCUCUGUGAUC
D-004570-04	D-004570-04	MCP	4179	NM_002389	27502401	CUAUGGAGCUCUUGGUAA
D-012279-04	D-012279-04	CHL1	10752	NM_006614	27894375	CAGUGAAGAUAGGUAUUAU
D-019199-04	D-019199-04	CNTN4	152330	NM_175607	28373121	AAAUUAAGCCAUUCAGCGA
D-011012-04	D-011012-04	COL3A1	1281	NM_000090	110224482	CAAAGGUCCAGCUGGUAUA
D-007884-04	D-007884-04	DSCAML1	57453	NM_020693	21359934	GAGAAUAGGGCCUCUUUAU
D-021367-18	D-021367-18	DTNB	1838	NM_033148	37577100	CGAGGCAAGUUGACGGUAU
D-004888-06	D-004888-06	ERCC6	2074	NM_000124	4557564	GAUCACAUUUAUCUCCUAC
D-011032-04	D-011032-04	F8	2157	NM_000132	10518504	GAGUAAAGCAAUAUCAGAU
D-022697-17	D-022697-17	FLJ13305	84140	NM_032180	83523747	GCCGUAAAGAAAGAGCGAAA
D-004264-06	D-004264-06	FBXW7	55294	NM_001013415	61743925	GGAGUUGUGUGCGGGAUCA
D-008341-04	D-008341-04	GALNS	2588	NM_000512	61698137	GGAGAUUGAUGACAGCAUU
D-010825-05	D-010825-05	GNAS	2778	NM_001077488	117938761	GCAUGCACCUUCUGCAGUA
D-005616-05	D-005616-05	GRM1	2911	NM_000838	6006005	GAUUAAGGUUAUACGGAAA
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D-008339-02	D-008339-02	PLCG2	5336	NM_002661	117320536	GGAAUAGGAGCACACAAA
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D-009662-02	D-009662-02	PTPRS	5802	NM_130853	104487294	CGAGUGACCUUGAACAAGA
D-009328-02	D-009328-02	PTPRU	10076	NM_133178	110735403	GCAAUGAGACCUACCAUGU
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D-011381-02	D-011381-02	ROBO1	6091	NM_002941	19743804	GCAGACACGUGCCUAAUA
D-011824-02	D-011824-02	CBFA2T1	862	NM_004349	28329413	CGACAACGUUAACUUAUGG
D-017115-02	D-017115-02	SCN3B	55800	NM_001040151	93587331	CGUUAAGAUUUCUUAU
D-016982-03	D-016982-03	SEMA3D	223117	NM_152754	41406085	GACCACCACUACUACAGAA
D-031945-02	D-031945-02	SHANK1	50944	NM_016148	120587024	GAUACAAGACCCGAGUUA
D-007449-02	D-007449-02	SLC22A15	55356	NM_018420	24308160	CAACAGAUCCUACAAAGUC
D-014620-03	D-014620-03	C6ORF29	80736	NM_025257	148612886	CGUCCUCGUGGAGCCUUU
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D-003902-06	D-003902-06	SMAD4	4089	NM_005359	34147555	GUACAGAGUUAUCUUAUUA
D-017440-02	D-017440-02	SMTN	6525	NM_006932	19913393	CUGAGGAGCUGAUGACUUA
D-004722-02	D-004722-02	SORL1	6653	NM_003105	18379347	CCACGUGUCGCCCAUUA
D-014103-02	D-014103-02	STAB1	23166	NM_015136	61743977	UCAAGUCGUCGCCUGCAUA
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D-013116-02	D-013116-02	TBX22	50945	NM_016954	40316908	GCACUUAAGUUCUUCUUUC
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D-004066-03	D-004066-03	TLR9	54106	NM_017442	20302169	GACGGCAACUGUUAUJUCA
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D-020535-02	D-020535-02	TTL3	26140	NM_001025930	109134339	CGCAACAUCUGGAUCGUGA
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D-013957-02	D-013957-02	ZNF521	25925	NM_015461	24308068	GCCAUUGUCUACCGAGUGUA
D-013382-02	D-013382-02	UBB	7314	NM_018955	22538474	GUUAGCAUCUUCGUGAA
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D-013562-02	D-013562-02	FBXL2	25827	NM_012157	16306581	GCACACAGUUAAGAAGUA
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D-020314-02	D-020314-02	ARHGEF9	23229	NM_015185	7662107	GAUCUGCAAGUAUCCCUUA
D-009511-02	D-009511-02	RAPGEF4	11069	NM_001100397	155030205	GAACACACCUCUCAUUGAA
D-021159-04	D-021159-04	C14ORF115	55237	NM_018228	153791243	GAAGAUGCUCACGGAACA
D-021246-03	D-021246-03	CACNA2D3	55799	NM_018398	54112396	GCGAUUAAGCUCUACCUAA
D-015378-03	D-015378-03	CD109	135228	NM_133493	115529483	UGAAGCCGAUCCUUACAUA
D-007815-04	D-007815-04	C1QR1	22918	NM_012072	88758612	AGAAUUGCGCAGACAGUUA
D-013883-03	D-013883-03	CLSTN2	64084	NM_022131	11545860	CAGAAAGUCUCCUACAUA
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D-003117-08	D-003117-08	EPHA3	2042	NM_182644	156547125	GAGCAUCAGUUUACAAAGA
D-003125-07	D-003125-07	EPHB6	2051	NM_004445	56119211	UGUGGGAAGUGAUGAGUUA
D-020898-03	D-020898-03	SDBCAG84	51614	NM_015966	38327613	UAUAGAGCUCGCGCCCAUGA
D-025827-03	D-025827-03	LOC157697	157697	NM_207332	46409303	GAGGAAGACGUUAAAGUA
D-020877-03	D-020877-03	EVL	51466	NM_016337	50726984	CGUCAGGAUUCUCUAGAAA
D-013068-17	D-013068-17	SEC8L1	60412	NM_001037126	82546831	CCGAGAUUGUGCAGCGGUA
D-011853-03	D-011853-03	EYA4	2070	NM_172103	98991762	GCGUUAUUGACAUCGAAUA
D-015342-03	D-015342-03	FLJ10404	54540	NM_019057	154426271	GCAGCAGCCUGACAUCAAC
D-011656-03	D-011656-03	FBN2	2201	NM_001999	66346694	GGACUGGCCUGUUAUUGUU
D-011272-03	D-011272-03	FLNC	2318	NM_001458	116805321	UGACAAGGAUCGACCUAU
D-009853-04	D-009853-04	FN1	2335	NM_002026	47132558	GAAGAGACAACAUGAAGUG
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D-005533-03	D-005533-03	GPR112	139378	NM_153834	59710092	GCAACUAGCUCACUUUCA
D-026468-03	D-026468-03	GPR158	57512	NM_020752	93204866	GAAUGUGCGUGGCUCCUUAU
D-007917-03	D-007917-03	GRID1	2894	NM_017551	55770851	GCACAGCGCCAUUCGGAUU
D-004777-03	D-004777-03	IGFBP3	3486	NM_000598	62243067	GAAAGGGCAUCGUAAGAC
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D-005069-03	D-005069-03	KRAS2	3845	NM_004985	34485723	GACAAAGUGUGUAAUUAUG
D-012118-03	D-012118-03	LAMA1	284217	NM_005559	38788415	CACAUAUCACUCUGGACUUA
D-033067-15	D-033067-15	LCN9	392399	NM_001001676	48717446	CCGUUAUUGCAGAGGAACUA
D-005648-17	D-005648-17	LRG6	59352	NM_001017404	62912473	GUUUGUGUAGGUGCGGAUU
D-012673-04	D-012673-04	LRP2	4036	NM_004525	126012572	UAUCCAGCUGUUGAUUAU
D-017379-03	D-017379-03	MCM3AP	8888	NM_003906	33469915	CCAAAUUGCUUCUGGGUUU
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D-005959-06	D-005959-06	MMP2	4313	NM_004530	75905807	ACAAGAACCAGAUACAAUA
D-015302-03	D-015302-03	MYO18B	84700	NM_032608	51317365	GAGGAAAGACGACGAUGUU
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D-017529-03	D-017529-03	NUP210	23225	NM_024923	27477133	UCGCCCAAGCUGAAUUAUA
D-003978-04	D-003978-04	MGC24137	143503	NM_152430	56118308	AAUGUCGUCUUAUGGCCUUA
D-003728-04	D-003728-04	P2RX7	5027	NM_002562	34335273	GCGAUGGACUUCACAGAUU
D-005528-03	D-005528-03	P2RY14	9934	NM_014879	125625351	GCACAAGCUGAAACACUAC
D-013619-03	D-013619-03	PCDH11X	27328	NM_014522	7657442	GGAAUUAACCGAGUUAUCAA
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D-003018-24	D-003018-24	PIK3CA	5290	NM_006218	54792081	CUUGAAGAGUGUCGAAUUA
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D-008684-03	D-008684-03	PLB1	151056	NM_153021	23308542	GAACUUCACAGACAACAUU
D-008339-03	D-008339-03	PLCG2	5336	NM_002661	117320536	CCAAGUUCUUAAGAUUA
D-016593-03	D-016593-03	C9ORF65	158471	NM_138818	34147618	GUUCAGUGCUCAGGGUUUA
D-009662-04	D-009662-04	PTPRS	5802	NM_130853	104487294	GGACAUGGACUUGGAAGAG
D-009328-04	D-009328-04	PTPRU	10076	NM_133178	110735403	GCAGCAAUUGCCUCAUG
D-024516-05	D-024516-05	RASGRF2	5924	NM_006909	38505169	CUCGACACCUAUCGUUUUU
D-003170-08	D-003170-08	RET	5979	NM_020630	126273513	UUAUUUGGAGUUGCAAUUGA
D-011381-03	D-011381-03	ROBO1	6091	NM_002941	19743804	GAUCAACAGUCUCAGUAUA
D-011824-03	D-011824-03	CBFA2T1	862	NM_004349	28329413	CCGAUACUGUGGCUCAUUU
D-017115-03	D-017115-03	SCN3B	55800	NM_001040151	93587331	GCGCAUCGGCCUUUGUGA
D-016982-04	D-016982-04	SEMA3D	223117	NM_152754	41406085	GAUACUGCAUUCACUCGAU
D-031945-03	D-031945-03	SHANK1	50944	NM_016148	120587024	GUUACGAGCGUCCUUUUUU
D-007449-03	D-007449-03	SLC22A15	55356	NM_018420	24308160	GGACAAGGAGAGCUCUUA
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D-020067-03	D-020067-03	SMAD3	4088	NM_005902	5174512	GGACGAGGUUCUCCAAAC
D-003902-07	D-003902-07	SMAD4	4089	NM_005359	34147555	GAGUUAUUGGUGUUCUUAUG
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D-004722-03	D-004722-03	SORL1	6653	NM_003105	18379347	GCACUGGCGUGGAGAGAAA
D-014103-03	D-014103-03	STAB1	23166	NM_015136	61743977	GCAAUUGCAUCUUCUGUUC
D-028285-08	D-028285-08	CHR415SYT	401135	NM_001014372	148227420	UCAAAUGGACCUUAUUUCA

D-013116-03	D-013116-03	TBX22	50945	NM_016954	40316908	GCAUUUAACCAUUACUUU
D-010088-03	D-010088-03	TGM3	7053	NM_003245	39777600	GAACAUCCEAAUAGAUCU
D-004066-04	D-004066-04	TLR9	54106	NM_017442	20302169	GGACGGCAACUGUUUAUJAC
D-021879-03	D-021879-03	TNN	63923	NM_022093	62988323	GCGCUACACUUCUGCUGAU
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D-014513-03	D-014513-03	ZNF442	79973	NM_030824	112807213	AAUCAUGGUUUGUUAUCU
D-013957-03	D-013957-03	ZNF521	25925	NM_015461	24308068	GCAUUUCACAUACUGUGAU
D-013382-03	D-013382-03	UBB	7314	NM_018955	22538474	GACCAUCACUCUGGAGGUG
D-004338-05	D-004338-05	PAK6	56924	NM_020168	21536446	CCAAUGGGCUGGCGUCAA
D-013562-04	D-013562-04	FBXL2	25827	NM_012157	16306581	GAUCUGACCUCCUGUGUGU
D-007185-05	D-007185-05	HUWE1	10075	NM_031407	61676187	UAACAUCAAUUGUCCACU
D-005030-04	D-005030-04	PRKDC	5591	NM_006904	31340617	GAUGAGAAGUCCUAGGUA
D-009421-03	D-009421-03	ARHGEF1	9138	NM_004706	39777602	GGUGUGUCUCUACACUGA
D-020314-03	D-020314-03	ARHGEF9	23229	NM_015185	7662107	CAAGCGAGUUUAGAGAAU
D-009511-03	D-009511-03	RAPGEF4	11069	NM_001100397	155030205	GAAGAUAAGGUCCAAUCU
D-021159-17	D-021159-17	C14ORF115	55237	NM_018228	153791243	CCACUGGGCAGACGUUAU
D-021246-04	D-021246-04	CACNA2D3	55799	NM_018398	54112396	GGACAAAUUUUCCGCAAA
D-015378-04	D-015378-04	CD109	135228	NM_133493	115529483	CCAGGAAGUGAUUCAUA
D-007815-05	D-007815-05	C1OR1	22918	NM_012072	88758612	GCGUACCCACCAAGUA
D-013883-04	D-013883-04	CLSTN2	64084	NM_022131	11545860	CGGCUAAAGUCAUUAAGCA
D-013870-17	D-013870-17	CPAMD8	27151	NM_015692	118600976	GCGUACACCUACACGGCAU
D-007869-04	D-007869-04	CSMD3	114788	NM_052900	38045885	GAACGGAGUUUACCUAUU
D-011635-17	D-011635-17	CUTL1	1523	NM_181500	31652237	CCGCAACGGUUAUUGCGAA
D-008971-17	D-008971-17	DPP10	57628	NM_001004360	85787626	GUUAAAUGGGUAGCAAUA
D-003117-09	D-003117-09	EPHA3	2042	NM_182644	156547125	AAAUUGGGGGAUAUUA
D-003125-08	D-003125-08	EPHB6	2051	NM_004445	56119211	CGGGAGACCUUACCCUUU
D-020898-04	D-020898-04	SDBCAG84	51614	NM_015966	38327613	UGGUGGACUCUACUGAUUC
D-025827-04	D-025827-04	LOC157697	157697	NM_207332	46409303	GCACAGGAAGCACGUGUUU
D-020877-04	D-020877-04	EVL	51466	NM_016337	50726984	AGCAGGUUGUGAUCAAUA
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D-011853-04	D-011853-04	EYA4	2070	NM_172103	98991762	GGAAUUGGCUUUUCGUUA
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D-011272-04	D-011272-04	FLNC	2318	NM_001458	116805321	GAACCAUGACGGUACCUUU
D-009853-05	D-009853-05	FN1	2335	NM_002026	47132558	GCAGCAACUUCGAAUUA
D-015828-04	D-015828-04	CX40.1	219770	NM_153368	145699104	AGGGUACAUCACGGGUGU
D-011043-04	D-011043-04	GLI3	2737	NM_000168	119393898	GAUUUACUCUGGUCAGUUC
D-005533-04	D-005533-04	GPR112	139378	NM_153834	59710092	GCUCUCAGCUUCCCAUUA
D-026468-04	D-026468-04	GPR158	57512	NM_020752	93204866	CGGCAUAGAUAAAGGUGAA
D-007917-04	D-007917-04	GRID1	2894	NM_017551	55770851	CAGCAAGGGUUAACGGGAU
D-004777-04	D-004777-04	IGFBP3	3486	NM_000598	62243067	GAUAUGGAAGACACACUGA
D-021995-04	D-021995-04	KIAA1409	57578	NM_020818	150456443	GGAAAGCAGCUCUCAAUUU
D-005069-04	D-005069-04	KRAS2	3845	NM_004985	34485723	GCUCAGGACUUAAGCAAGAA
D-012118-04	D-012118-04	LAMA1	284217	NM_005559	38788415	GGUCAUUGCUAAUCUGAGA
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D-005648-18	D-005648-18	LGR6	59352	NM_001017404	62912473	CCGUGUGACUCUAGGAUAG
D-012673-17	D-012673-17	LRP2	4036	NM_004525	126012572	GGUAUAGAGUACGAGGAU
D-017379-04	D-017379-04	MCM3AP	8888	NM_003906	33469915	GGAAUGCGGUGUUUAUJAC
D-006581-04	D-006581-04	MKRN3	7681	NM_005664	74272285	UGGCCAGUCUGUUGUUUAA
D-005959-19	D-005959-19	MMP2	4313	NM_004530	75905807	GACCAGAAUACCAUCGAGA
D-015302-04	D-015302-04	MYO18B	84700	NM_032608	51317365	GAUUGGACCUUGGCGGUA
D-031960-04	D-031960-04	MYO5C	55930	NM_018728	153945714	CAGCAAGCUCUACGUGGAA
D-017529-04	D-017529-04	NUP210	23225	NM_024923	27477133	GCAAGUGGACCAUUAJAG
D-003978-18	D-003978-18	MGC24137	143503	NM_152430	56118308	AGACAAAGGAGAUUCGACA
D-003728-05	D-003728-05	P2RX7	5027	NM_002562	34335273	CGAGAAACAGGCGAUUAU
D-005528-04	D-005528-04	P2RY14	9934	NM_014879	125625351	GAAGAUAUACUCUGCUA
D-013619-04	D-013619-04	PCDH11X	27328	NM_014522	7657442	GCAAGUGAGUUAUCUGAU
D-013440-04	D-013440-04	PCDH9	9752	NM_014005	14717405	UGUAUGGACUUAUGGAUUU
D-003018-25	D-003018-25	PIK3CA	5290	NM_006218	54792081	CCUUGAAGAGUUCGAAUU
D-021413-04	D-021413-04	PKNOX1	5316	NM_004571	37595549	GACGAAUUCUUCAGCCAAU
D-008684-04	D-008684-04	PLB1	151056	NM_153021	23308542	GAUGAUAAUCUACAGAAC
D-008339-04	D-008339-04	PLCG2	5336	NM_002661	117320536	CGAGAUAUACACCGAUUG
D-016593-04	D-016593-04	C9ORF65	158471	NM_138818	34147618	GCUAAAUAUUUCCGAAUCA
D-009662-05	D-009662-05	PTPRS	5802	NM_130853	104487294	CAGGUCACGUUGCUAGUA
D-009328-05	D-009328-05	PTPRU	10076	NM_133178	110735403	CGAGAUAUACCCACGUGU
D-024516-06	D-024516-06	RASGRF2	5924	NM_006909	38505169	GCACAGUACUUGCUUGACA
D-003170-21	D-003170-21	RET	5979	NM_020630	126273513	GCGAGGAGAUUACCGCCU
D-011381-04	D-011381-04	ROBO1	6091	NM_002941	19743804	GCAACUCCAAUCUUAUA
D-011824-04	D-011824-04	CBFA2T1	862	NM_004349	28329413	GUACUAAAGCGGUGUCAAG
D-017115-17	D-017115-17	SCN3B	55800	NM_001040151	93587331	CUUAUUGUUUACGAAGUA
D-016982-17	D-016982-17	SEMA3D	223117	NM_152754	41406085	AGGCAGUACCUCCGUAUAA
D-031945-04	D-031945-04	SHANK1	50944	NM_016148	120587024	CAGGUGCGGUUCCUUGAAA
D-007449-17	D-007449-17	SLC22A15	55356	NM_018420	24308160	CAAAUCAGACCCAGGUAA
D-014620-17	D-014620-17	C6ORF29	80736	NM_025257	148612886	AGAACAAGAUAAAGCCGUA
D-020067-04	D-020067-04	SMAD3	4088	NM_005902	5174512	GGACGAGUUCUGCGUGAAU
D-003902-08	D-003902-08	SMAD4	4089	NM_005359	34147555	GUAAUUGCUCUACGAUUAU
D-017440-04	D-017440-04	SMTN	6525	NM_006932	19913393	GUGAGGCGCUCGAGAAUG
D-004722-04	D-004722-04	SORL1	6653	NM_003105	18379347	GACAGGAGCUACAAGUAA



D-014103-17	D-014103-17	STAB1	23166	NM_015136	61743977	GCUUAAGAGUGCCGGCAUC
D-028285-21	D-028285-21	CHR415SYT	401135	NM_001014372	148227420	UAAGUUAAACUCUACGGAAA
D-013116-04	D-013116-04	TBX22	50945	NM_016954	40316908	CAACAGAUUACGAAACUAA
D-010088-04	D-010088-04	TGM3	7053	NM_003245	39777600	ACAAGGCCUUGGCUCUAA
D-004066-05	D-004066-05	TLR9	54106	NM_017442	20302169	CGGCAACUGUUUUUACAAG
D-021879-04	D-021879-04	TNN	63923	NM_022093	62988323	CUACACGUCUGCCAACGGA
D-020535-04	D-020535-04	TTLL3	26140	NM_001025930	109134339	GAACUCAGGCACCUUGGACA
D-014513-04	D-014513-04	ZNF442	79973	NM_030824	112807213	GAAGGACUCACAUGGCUGA
D-013957-04	D-013957-04	ZNF521	25925	NM_015461	24308068	CACAAAGUCACGCAUAGUA
D-013382-17	D-013382-17	UBB	7314	NM_018955	22538474	CCCAGUGACACCAUCGAAA
D-004338-06	D-004338-06	PAK6	56924	NM_020168	21536446	GCACCAAUAGGCAUGGAAU
D-013562-17	D-013562-17	FBXL2	25827	NM_012157	16306581	GUGCAGGCAUCAAGCGGAU
D-007185-06	D-007185-06	HUWE1	10075	NM_031407	61676187	GAAAUGGAUUAACAACGUA
D-005030-05	D-005030-05	PRKDC	5591	NM_006904	31340617	GCAGGACCGUGCAAGGUUA
D-009421-04	D-009421-04	ARHGEF1	9138	NM_004706	39777602	UGACGUGCGGGUGACUAA
D-020314-04	D-020314-04	ARHGEF9	23229	NM_015185	7662107	GAGAUUCCAUCGUUAGUGC
D-009511-04	D-009511-04	RAPGEF4	11069	NM_001100397	155030205	GAAACGGGCUCUAAACAAUG