

9 APPENDICES

Appendix A Sequence of siRNAs Used

Both the RNA sequence of the siRNA guide strand and the sequence of the target in the targeted transcript are provided. siRNAs contain 2nt 3' overhangs in all cases except those acquired from Invitrogen which are blunt ended. Sequence provided includes the overhang. Deoxy bases are

denoted by dN. Sequence of siKIFF11 and siNeg, both from Ambion was not provided.

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
ABL2 smartpool	Pool		Dharmacon	M00101-01-0005
QiaNeg	ACGUGACACGUUCGGAGAAUU	AATTCTCCGAACGTGTCACGT	Qiagen	1022076
ROS1 smartpool	Pool		Dharmacon	M-003173-01- 0005
siABL2.1	UAUCUGUUCGCUCCAUUUCUU	AAGAAATGGAGCGAACAGATA	Dharmacon	D-003101-05
siABL2.2	UUAAUAGGAAAUUUGGCUCUU	AAGAGCCAAATTTCTATTAA	Dharmacon	D-003101-06
siABL2.3	UAGACUGUAGGCUUAUUACUU	AAGTAATAAGCCTACAGTCTA	Dharmacon	D-003101-07
siABL2.4	UUAGAGCGAACUUCACUCCUU	AAGGAGTGAAGTTCGCTCTAA	Dharmacon	D-003101-08
siACO1.1	UAGUGUAUCGUUCUUGCCCUG	CAGGGCAAGAACGATACACTA	Qiagen	SI02779945
siACO1.2	UUCAAGUGGGAUCACACCCAU	ATGGGTGTGATCCCCTTGAA	Qiagen	SI02779952
siADORA1.1	UUUAUUAGUCACAUGGGCCUC	GAGGCCCATGTGACTAATAAA	Qiagen	SI02624097
siADORA1.2	AUGAUUACUGAACCUACCCUU	AAGGGTAGGTTTCAGTAATCAT	Qiagen	SI00013846
siADORA1.3	UGACAGGUAUUACACUCCAG	CTGGAGTGTAATTACCTGTCA	Qiagen	SI00013860

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siBID	UCUAAAGCUAAGCUUUUCCdTdT	AAGGAAAAGCUUAGCUUUAGA	Ambion	120776
siCasp3.1	UAU AACUGUUGUCCAGGGAUUUUCC	GGAATATCCCTGGACAACAGTTATA	Invitrogen	HSS101371
siCasp3.2	UCCAGUUAGACUUCUACAACGAUCC	GGATCGTTGTAGAAGTCTAACTGGA	Invitrogen	HSS101372
siCasp3.3	AAAGGACUCAAAUUCUGUUGCCACC	GGTGGCAACAGAATTTGAGTCCTTT	Invitrogen	HSS101373
siCasp8	GGGUCAUGCUCUAUCAGAUdTdT	AAAUCUGAUAGAGCAUGACCC	Ambion	AM16100
siCCNT1.1	UACCUUGAUGACAUGUUCCAA	TTGGAACATGTCATCAAGGTA	Qiagen	SI02625714
siCCNT1.2	UUAUGUGCUAAGUUGCUUGUC	GACAAGCAACTTAGCACATAA	Qiagen	SI00024073
siCCNT1.3	UUGAUAGUCUAUUGUCUGGGU	ACCCAGACAATAGACTATCAA	Qiagen	SI00024080
siDCK.1	UUUAAUCCACUUUGCAACUU	AAGTTGCAAAGTGGAAATTA	Qiagen	SI00604940
siDCK.2	UAACAAAUUAAUUUUAUACCAA	TTGGTATAAATTAATTTGTTA	Qiagen	SI00604947
siDYRK1A.1	UUACAAUGCACAGAAGUCCUG	CAGGACTTCTGTGCATTGTAA	Qiagen	SI02626211
siDYRK1A.2	UUAUGUUUGGCUGGCGACGGU	ACCGTCGCCAGCCAAACATAA	Qiagen	SI03040415
siDYRK1A.3	UUUAAUGGCAACCCAUUCUUG	CAAGAATGGGTTGCCATTA	Qiagen	SI00605234
siETNK1.1	UUUCUAAUCCACCACAUACGG	CCGTATGTGGTGGATTAGAAA	Qiagen	SI02224887

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siETNK1.2	UUCUAAUCCACCACAUACGGA	TCCGTATGTGGTGGATTAGAA	Qiagen	SI02224894
siFBXO11.1	AUUCCGUCUAAUAAUUGGGdTdT	AACCCAAUUAUUAGACGGAAU	Ambion	130848
siFBXO11.2	UGCACCUUUUAUACAACUGCdTdG	CAGCAGUUGUAUAAAGGUGCA	Ambion	130846
siFBXO11.3	AGAAAUGUUCAGCAAUCCdTdT	CAGGAUUUGCUGAACAUUUCU	Ambion	130847
siFLJ12312.1	AAGAACAGCGCAUACAGCCdTdT	AAGGCUGUAUGCGCUGUUCUU	Ambion	125977
siFLJ12312.2	ACAUGACU AACAGAGAUCd TdT	AAGGAUCUCUGUUAGUCAUGU	Ambion	125976
siFLJ32312.3	CUCUUACAGAUAGUUGUGdTdT	CACCACAACUAUCUGUAAGAG	Ambion	125978
siGL2	UCGAAGUAUCCGCGUACGdTdT	AACGUACGCGGAAUACUUCGA	Ambion	AM16100
siGPR132.1	UUGAUCUCGAUGGUGACCCAG	CTGGGTCACCATCGAGATCAA	Qiagen	SI00101682
siGPR132.2	UUCAGGAACGAGAAAUUGGUA	TACCAATTTCTCGTTCCTGAA	Qiagen	SI00101696
siGPR132.3	UAGUAGUACCCGGCAAUCCUG	CAGGATTGCCGGGTACTACTA	Qiagen	SI00101703
siGUK1.1	GUCGUUAAUGAUGACCACAdTdC	GAUGUGGUCAUCAUUAACGAC	Ambion	242335
siGUK1.2	GUAGUAAUCUUUGCCGUUCdTdT	GAGAACGGCAAAGAUUACUAC	Ambion	130786
siGUK1.3	GACACGCUGAAGCCAAAGAdTdG	CAUCUUUGGCUUCAGCGUGUC	Ambion	242336

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siHAPIP.1	UUCAAGUACAAAGACAGUCCU	AGGACTGTCTTTGTACTTGAA	Qiagen	SI00433643
siHAPIP.2	UUCAAUCCAGUCCAACACCUG	CAGGTGTTGGACTGGATTGAA	Qiagen	SI00433650
siHAPIP.3	UAGCUGACUCCGAUCUCCGUG	CACGGAGATCGGAGTCAGCTA	Qiagen	SI00433657
siIGF1R.1	UUCGUUGAGAAACUCAAUCCU	AGGATTGAGTTTCTCAACGAA	Qiagen	SI02624545
siIGF1R.2	UAUGAUGAUGCGAUUCUUCGA	TCGAAGAATCGCATCATCATA	Qiagen	SI02624552
siIGF1R.3	UAGGACUGGAUUAUUCUCCAU	ATGGAGAATAATCCAGTCCTA	Qiagen	SI00017521
siIKBKE.1	AUGAUCUCCUUGUUCGCGCGU	ACGGCGGAACAAGGAGATCAT	Qiagen	SI02622319
siIKBKE.2	UCUAAUGCUUCAGGAUGCCdTdC	GAGGCAUCCUGAAGCAUUAGA	Ambion	920
siIKBKE.3	GUACUCCAUCACCAGUACCDtT	AAGGUACUGGUGAUGGAGUAC	Ambion	919
siINADL.1	UUCAAGUUCAAUAAUGUGCAG	CTGCACATTATTGAACTTGAA	Qiagen	SI02635962
siINADL.2	UAUAUGGUUGAGUUGACCCUU	AAGGGTCAACTCAACCATATA	Qiagen	SI02635969
siINADL.3	UGGAUCUCUAGCAACGAGCAU	ATGCTCGTTGCTAGAGATCCA	Qiagen	SI03050313
siINPP5D.1	UUGGACACCAUGUUGAUGGGA	TCCCATCAACATGGTGTCCAA	Qiagen	SI00078582
siINPP5D.1	UUGGACACCAUGUUGAUGGGA	TCCCATCAACATGGTGTCCAA	Qiagen	SI00078582

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siINPP5D.2	UUGGCUGUCAACAGUCCCGGG	CCCGGGACTGTTGACAGCCAA	Qiagen	SI00078589
siINPP5D.2	UUGGCUGUCAACAGUCCCGGG	CCCGGGACTGTTGACAGCCAA	Qiagen	SI00078589
siINPP5D.3	UUGACGAACCCUAAGGAGGUU	AACCTCCTTAGGGTTCGTCAA	Qiagen	SI03029005
siINPP5D.3	UUGACGAACCCUAAGGAGGUU	AACCTCCTTAGGGTTCGTCAA	Qiagen	SI03029005
siIRAK1.1	GGAACUCUUGAUGUCUCCAdTdG	CAUGGAGACAUCAAGAGUUCC	Ambion	2242552
siIRAK1.2	UUUCCAAUUGUAAGCAGGdTdA	UACCUGCUUACAAUUGGAAA	Ambion	242551
siIRAK1.3	UACAUGAAACUGACUUGCdTdT	AAGCAAGUCAGUUUCAUGUA	Ambion	144789
siSYNA1.1	UUGGACACCUCCUAGAGCGG	CCGCTCTAAGGAGGTGTCCAA	Qiagen	SI00449015
siSYNA1.2	UUCAGCGACGAGAUGUCCCAG	CTGGGACATCTCGTCGCTGAA	Qiagen	SI00449022
siSYNA1.3	U AACUCACGAUGGACAUGGUC	GACCATGTCCATCGTGAGTTA	Qiagen	SI03101525
siKIAA1446.1	UACGGUGACAUGGUCCGCCCG	CGGGCGGACCATGTCACCGTA	Qiagen	SI02224957
siKIAA1446.1	UAGCGUUCAGAGAAGCUGCAG	CTGCAGCTTCTCTGAACGCTA	Qiagen	SI02224964
siKIF11	N/A		Ambion	AM4639
siLMNA	UGUUCUUCUGGAAGUCCAGUU	AACTGGACTTCCAGAAGAACA	Qiagen	1022050

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siLOC375449.1	UUGGAAGAAGGUACCUCCCAG	CTGGGAGGTACCTTCTTCCAA	Qiagen	SI00164374
siLOC375449.2	UAAUAUGUGGUCAAGCUCCUC	GAGGAGCTTGACCACATATTA	Qiagen	SI02225482
siLOC375449.3	UAUCAAAACUCCUCUUCUGGG	CCCAGAAGAGGAAGTTTGATA	Qiagen	SI02650151
siLRPAP1.1	UUUGUGAUGCAGGAACUCCCG	CGGGAGTTCCTGCATCACAAA	Qiagen	SI00036288
siLRPAP1.2	UCGUGGAUUUCUUCGGUCCUG	CAGGACCGAAGAAATCCACGA	Qiagen	SI03069206
siLRPAP1.3	UUUCCGUCCAGACCAUACUUG	CAAGTATGGTCTGGACGGAAA	Qiagen	SI00036302
siMAD.1	UUCUUUAUGUGCAAUUUGGCU	AGCCAAATTGCACATAAAGAA	Qiagen	SI00036645
siMAD.2	UUUGUUAUAACUCAACGUA	TACGTTGAGTTTATTAACAAA	Qiagen	SI00036652
siMAPK10.1	UAUACUGGCAAUAUAUUACdAdG	CTGTAATATATTGCCAGTATA	Qiagen	SI00042651
siMAPK10.2	UUAGCUGCAAUACAGAACCdCdT	GGGTTCTGTATTGCAGCTAA	Qiagen	SI00042658
siMAX.1	AUUCUGAUUACUCCAAACCGG	CCGGTTTGGAGTAATCAGAAT	Qiagen	SI00036890
siMAX.2	AUUUCUUAGAAAUACACACGG	CCGTGTGTATTTCTAAGAAAT	Qiagen	SI00036904
siMYC.1	UUUAAGGAUAACUACCUUGGG	CCCAAGGTAGTTATCCTTAAA	Qiagen	SI00038262
siMYC.2	UGUGUAACUGCUAUAACGUU	AACGTTTATAGCAGTTACACA	Qiagen	SI02628640

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siNeg	N/A		Ambion	AM4611
siOR1E2.1	UUUACAAAUGACCCUUUCCAG	CTGGAAAGGGTCATTTGTAAA	Qiagen	SI00052878
siOR1E2.2	UUGGUUCUGCAUGUUCUGCAG	CTGCAGAACATGCAGAACCAA	Qiagen	SI00052885
siOR1E2.3	UUGGGCAUUGUGACUGAGGAA	TTCCTCAGTCACAATGCCCAA	Qiagen	SI02631272
siPDE11A.1	UUGAUCGAAAUUAUUCACGAU	ATCGTGATATATTTGATCAA	Qiagen	SI00117936
siPDE11A.2	UUGUGGUUAUAGAACCAUCCGA	TCGGATGGTTCTATACCACAA	Qiagen	SI00117922
siPDE11A.3	UUACACGUGAACCAAUGUUU	AAACATTTGGTTCACGTGTAA	Qiagen	SI00117943
siPPP2CB.1	UAUACUUGGGUAAUUUGUCGG	CCGACAAATTACCCAAGTATA	Qiagen	SI02225797
siPPP2CB.2	UUA AUGCCAAGACAGAUCCCA	TGGGATCTGTCTTGGCATTAA	Qiagen	SI02225804
siPRKAA2.1	GACCUGCAUACAAUCUGCCdTdG	CAGGCAGAUUGUAUGCAGGUC	Ambion	130652
siPRKAA2.2	UGUUGGAGUGCUGAUCACCCdTdG	CAGGUGAUCAGCACUCCAACA	Ambion	103599
siPRKAA2.3	AUAAUGUCAUACGGUUUGCdTdC	GAGCAAACCGUAUGACAUUUAU	Ambion	142926
siPRKAB2.1	UUUAGGUGCAUCAAUGAGUU	AACTCATTTGATGCACCTAAA	Qiagen	SI00076531
siPRKAB2.2	UAAAUGAGUAGUACUUUGGGU	ACCCAAAGTACTACTCATTTA	Qiagen	SI00287777

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siPRKAB2.3	UAAUGGACAAUGCAUAGAGAU	ATCTCTATGCATTGTCCATTA	Qiagen	SI03048822
siPRKCD.1	AUUGCCUGCAUUUGUAGCCdTdT	AAGGCUACAAAUGCAGGCAAU	Ambion	
siPRKCD.2	GCUCAUGUAGUUGUGAACCdTdT	AAGGUUCACAACUACAUGAGC	Ambion	130653
siPRKCD.3	GUCUUCACACUUUAUCCcdTdT	CAGGGAUAAAGUGUGAAGAC	Ambion	103702
siPRKCQ.1	AGGUU AACAGCCUCGCCcdTdT	CAGGGCGAGGCUGUUAACCU	Ambion	784
siPRKCQ.2	GAUCUGCAUGACUCUUCcdTdT	AAGGGAAGAGUCAUGCAGAUC	Ambion	782
siPRKCQ.3	UUUGUGCAAGAUAAAUCcdTdT	GAGGAUUUAUCUUGCACAAA	Ambion	783
siPRKRIR.1	AAUUUGAGUUGUCCCAUGACUGAGG	CCTCAGTCATGGGACA ACTCAAATT	Invitrogen	HSS108577
siPRKRIR.2	UUCACCAGAAUUUAUCCGACACUCC	GGAGTGTCGGATAAATTCTGGTGAA	Invitrogen	HS108578
siPRKRIR.3	AUGAGAUUCAUCAACAACCUCACC	GGTGAGGTTGTTGATGAATCTCAT	Invitrogen	
siPTP4A3.1	UAUUGUGCAAUACUUGGGUG	CACCCAAGTATTTGCACAATA	Qiagen	SI00094430
siPTP4A3.2	UUCGGGUGUCCGGAGCACCUG	CAGGTGCTCCGGACACCCGAA	Qiagen	SI03072202
siPTP4A3.3	UGC UUGUCCAAGAGAAACGAG	CTCGTTTCTCTTGGACAAGCA	Qiagen	SI03092285
siPTPRV.1	UAGAUAUACUGCUUCAGCGUU	AACGCTGAAGCAGTATATCTA	Qiagen	SI00695863

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siPTPRV.2	UAUAGGUCCACUCUGUGGCAU	ATGCCACAGAGTGGACCTATA	Qiagen	SI00695884
siPTPRV.3	UCAGAUAGCAAGCGCUCCCUG	CAGGGAGCGCTTGCTATCTGA	Qiagen	SI02812502
siRAD9A.1	UAGAAUCCAAGUCAGCGCCA	TGGCGCTGACTTGGAATTCTA	Qiagen	SI02633617
siRAD9A.2	UAGCUGCGCAGGAUGACCCUG	CAGGGTCATCCTGCGCAGCTA	Qiagen	SI00065618
siRAD9A.3	UUGAUGGUGAAGAUGGCGGGC	GCCCGCCATCTTCACCATCAA	Qiagen	SI00065625
siROS1.1	UAAGUAAGAAGGUCUCCUCUU	AAGAGGAGACCTTCTTACTTA	Dharmacon	D-003173-05
siROS1.2	UAAUCCUGAACCUCUGUAAUU	AATTACAGAGGTTTCAGGATTA	Dharmacon	D-003173-06
siROS1.3	UUCAUGCUUAGGUUUGUUCUU	AAGAACAACCTAAGCATGAA	Dharmacon	D-003173-07
siROS1.4	UUAUUUGAAGUGCUCUUUCUU	AAGAAAGAGCACTTCAAATAA	Dharmacon	D-003173-08
siSHARPIN.1	UUCAAGUGUGACCUUGCAGCCU	AGGCTGCAGGTCACACTTGAA	Qiagen	SI00140189
siSHARPIN.1	UUCAAGUGUGACCUUGCAGCCU	AGGCTGCAGGTCACACTTGAA	Qiagen	SI00140189
siSHARPIN.1	UCAAGUGUGACCUUGCAGCCUG	CAGGCTGCAGGTCACACTTGA	Qiagen	SI00140175
siSHARPIN.2	UCAAGUGUGACCUUGCAGCCUG	CAGGCTGCAGGTCACACTTGA	Qiagen	SI00140175
siSMAC.1	UUCAGUAAUAGCUUCAAUUCdAdA	TTGATTGAAGCTATTACTGAA	Qiagen	SI00124621

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siSMAC.2	UUUCUGUGCAAUAGGAACCDGdC	GCGGTTCCCTATTGCACAGAAA	Qiagen	SI00124628
siSRP72.1	UUCAGAAGGAAUAAAUACCDtDg	CGGTATTTATTCCTTCTGAA	Qiagen	SI00733327
siSRP72.2	UUAUUGGCUAACACUUUGGdTDg	CCCAAAGTGTTAGCCAATAA	Qiagen	SI00733334
siSTK32B.1	UAUUGUAUAAAUAGGGAGCCG	CGGCTCCCTATTTATAACAATA	Qiagen	SI00121597
siSTK32B.2	AUACCGAUUGGAUACUCUCUG	CAGAGAGTATCCAATCGGTAT	Qiagen	SI00121618
siSTK32B.3	UUCUUGAACACCGCGUCCCAG	CTGGGACGCGGTGTTCAAGAA	Qiagen	SI02224859
siTAOK1.1	UCGCUUAUUUAUUUCCAGCUG	CAGCTGGAATATAATAAGCGA	Qiagen	SI00739410
siTAOK1.2	UUCAGUAGUACUUUAGCACUG	CAGTGCTAAAGTACTACTGAA	Qiagen	SI00739417
siTAOK1.3	UUGCGGACUCCCAUACUGCUA	TAGCAGTATGGGAGTCCGCAA	Qiagen	SI03110968
siTEGT.1	UUGAUCUCCAUGUUCGGCCUU	AAGGCCGAACATGGAGATCAA	Qiagen	SI02781254
siTEGT.2	UACCUUGAUACACAUAUUCAG	CTGATTATGTGTATCAAGGTA	Qiagen	SI02781282
siTLR4.1	UAACUUUGGAAUGACAUCGAG	CTCGATGTCATTCCAAAGTTA	Qiagen	SI02630789
siTLR4.2	UUAGUAGGCAAUAACUUUGGA	TCCAAAGTTATTGCCTACTAA	Qiagen	SI00151011
siTLR4.3	UUAUCAGCCCAUAUGUUUCUG	CAGAAACATATGGGCTGATAA	Qiagen	SI02630796

APPENDIX B SEQUENCE OF OLIGONUCLEOTIDE PRIMERS USED FOR QUANTITATIVE PCR

<i>siRNA Name</i>	<i>Sequence (Guide strand)</i>	<i>Sequence (Target)</i>	<i>Supplier</i>	<i>siRNA Number/ Catalogue No.</i>
siTNFRSF10A	AUAUAUUAUGUCCAUUGCCdTdG	CAGGCAAUGGACAUAUAUAU	Ambion	5004
siVPS16.1	CUUCGUUUUUGUUUUGUUGUU	AACAACATAACAAATACGAAG	Dharmacon	D-013003-01
siVPS16.2	UUGGCUGCAAACUCAUUCUUU	AAAGAATGAGTTTGCAGCCAA	Dharmacon	D-013003-02
siVPS16.3	UAGCCAAUGGGUGAUUUCUUU	AAAGAAATCACCCATTGGCTA	Dharmacon	D-013003-03
siVPS16.4	CUGCUCUGCACGCUUGUUGUU	AACAACAAGCGTGCAGAGCAG	Dharmacon	D-013003-04
VPS16 smartpool	Pool		Dharmacon	M-013003-00- 0005

Appendix B Sequence of oligonucleotide primers used for quantitative PCR

Primers were designed and tested as outlined in 2.4.1 and 2.3.7. Primers with ‘-’ genomic product length either cross exon boundaries or the genomic product would be longer than 20kb. Primers with no efficiency listed generated no product and so efficiency could not be determined.

<i>Gene</i>	<i>Forward</i>	<i>Reverse</i>	<i>Product Length (Genomic)</i>	<i>Product Length (cDNA)</i>	<i>Efficiency</i>
ABL2	TGGATTACCTCCGAGAATGC	CCACATGGTTTTCTCCCACT	1229	159	1.995
ACO1	AGGTCAAGCTGGATACTGGCA	ACATCAGTGTCAAACCTCATGACA	0	58	2.038
ACTB ¹	CTGGAACGGTGAAGGTGACA	AAGGGACTTCCTGTAACAATGCA	0	140	1.950
ADORA1	AGCCTCCTCTCCCTCTGTG	CTGCCTGACTGTTCTGTCCA	37202	126	-
AIFM3	GCAAAGGCAAAGAAGTGGAG	CACCACAGACACAGAGTGGG	279	167	1.997
ARSA	ACCTGAGACCATGCGTATGT	GGTCAAAGCCATCCAAGGTG	314	224	2.141
BID	CCGCTTGGGAAGAATAGAGG	CCAGCATGGTCTTCTCCTTC	5681	248	1.861
CASP3	TGTTTGTGTGCTTCTGAGCC	CGGCCTCCACTGGTATTTTA	840	233	2.022
Casp8	TCCAAATGCAAACCTGGATGA	GGGCACAGACTCTTTTCAGG	1089	73	2.078
CCNT1	GCCAATCTGCTTCAGGACA	TGCTAGAAACAAGGCTGCTG	10686	150	1.947

<i>Gene</i>	<i>Forward</i>	<i>Reverse</i>	<i>Product Length (Genomic)</i>	<i>Product Length (cDNA)</i>	<i>Efficiency</i>
DCK	AAAGCCTTGAATTGGATGG	CGAAGTTGGTTTTTCAGTGTC	0	174	-
DIABLO	AGCTGGAAACCACTTGGATG	CAGCTTGGTTTCTGCTTTCC	8080	170	1.866
DYRK1A	TCCTTGATAGGCAAAGGTTCC	AACCCATTCTTGCTCCACAC	5709	69	1.934
ETNK1	GATCCAAAGCATGTCTGCAA	TGTGTGCATGAATAGCATGG	15073	82	1.983
FBXO11	CAAAATCTGGGGAGGACAGA	ACACCTGCTTGAGCATTCT	3457	237	2.045
FLJ32312	TTCAGTCTCCTTCCCACCAC	CTCTGCTTTCCATTTCCTG	0	81	1.920
GAPDH ¹	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGAG	0	87	2.005
GPR132	GAATGTGAATGTGCCCAATG	ACACGTTGTTGCAGGTCTTG	3401	117	-
GUK1	CTTCAGCGTGTCCCATAACC	GCATCACCTCCCTGGTTACA		86	2.042
HAPIP	GCGCATCTTTGAGCAGTACA	CTTCATTCCAGGCGTCTAGC	14657	59	-
IGF1R	AAAAACCTTCGCCTCATCCT	TGCAAGTTCTGGTTGTCGAG	9143	80	2.156
IKBKE	TCCCTCCTCTACCTCAGCAG	GGATCTCAGGCGTTCCAG	4527	70	1.882
INADL	GGCGTGGTTGTGAGGACTAT	AAGATGTGGTCCCCTGTCTG	12496	77	1.993
INPP5D	GACACAGAAAGTGTCGTGTCTC	GGAACCTCCTTGGCCTCACAG	6845	57	-

<i>Gene</i>	<i>Forward</i>	<i>Reverse</i>	<i>Product Length (Genomic)</i>	<i>Product Length (cDNA)</i>	<i>Efficiency</i>
IRAK1	GGTTTCGTCACCCAAACATT	GGGGCTGTCCTGATGTAGAA	1147	209	1.941
ISYNA1	CGCAAGGAGGCCAACTACTA	GTCCCAGCCATCGAACAC	0	147	1.767
KIAA1446	CGCAGACATGGAGAAACTCA	TCGAGCTTGTGTGTGGTGTAG	21312	84	1.940
LIMK2	ACCCAATGTGCTCAAGTTC	GCCCTTTTCCTCTCTTCCAC	4794	295	1.734
LMNA	GGCGAGGAGGAGAGGCTA	CCTGTGTCTGGGATGAGTGA	0	88	1.891
LOC375449	GTCTCCCCAGAAGAGGAAGTT	GGTGATGTTCTCCCAGCATT	0	55	1.958
LRPAP1	GGGGAGAAGGAAGCGAGA	TCCGTCCAGACCATACTTGG	4779	66	1.882
MAD	ACATGGTTATGCCTCCATGTTAC	AGATGAGCCCGTCTATTCTTCTC	0	135	2.046
MAPK10	AACTCAAAGCCAGCCAAGC	GTAAGGCGTCGTCCACTGAT	0	87	1.824
MAX	CAGTCCCATCACTCCAAGG	TGTGGTTTTTCCTTCGCATA	15764	93	2.076
MTMR3	AGCAGAGTGGGCTCAGTGTT	ACTGTCCACGTTTGGTCCTC	230	230	1.968
MYC	CAGCTGCTTAGACGCTGGATT	GTAGAAATACGGCTGCACCGA	1744	131	1.991
OR1E2	ACTACACCGCCATCTGCTTC	ACCACGGAGAGACAGAGCAT	70	70	1.747
PDE11A	ATGCCTTCAACGTGTGTCAG	CCCACAATCACCGCTAAAAT	15876	97	-

<i>Gene</i>	<i>Forward</i>	<i>Reverse</i>	<i>Product Length (Genomic)</i>	<i>Product Length (cDNA)</i>	<i>Efficiency</i>
PPP2CB	GCTGAACGAGAACCAAGTGC	CAGTAACAGGGCAACGAACC	0	95	1.938
PRKAA2	ACCCACTGAAACGAGCAACT	ATAAGCCACTGCAAGCTGGT	0	218	1.942
PRKAB2	GTGTTTCAGCCTCCCTGACTC	TCCTGCTGCCATGATACAAA	4117	62	2.027
PRKCD	GCCTCAACAAGCAAGGCTAC	AGGTGGGGCTCATGTAGTTG	1819	186	1.879
PRKCQ	GAATCAGAGAACGGGCAGAT	TGGGCATCAAAAGTGCTGT	0	77	1.866
PRKRIR	CTTGGCCTTCTTCAGGTTCC	AGTTCTCCACCCACTTCTGG	0	59	-
PTP4A3	AGAGCGGGATGAAGTACGAG	TTTCTCCAGGTAGGTGAGCTG	3194	93	1.837
PTPRV	CCTAGAATCCCAGACATTGGCA	GCTGGTTGTTGCTTGGAGGTT	4654	65	-
RAD9A	GTGAAGGTGCTCGGCAAG	AGAAAGCAGGCATAGGCAGA	0	128	1.895
RBX1	GTGGAATGCAGTAGCCCTCT	GTTTTGAGCCAGCGAGAGAT	14286	192	1.997
ROS1	TTCATTCACAGGTCTTTTGGGA	GCTGGATAAGGCTGATGACC		68	2.086
Sharpin	GGACAGAATGGTCACAAGAGC	GACTGGGCAGGGAGACAG	0	152	1.813
SRP72	CTGAACCAGGCCATGAAAAT	CAAAGCCTCCTCTGTTTCGAC	4120	165	1.972
STK32B	ACATCTGTGAGCTGGCACTG	GCAGGATATTGTCTGGCTTGA	0	84	1.972

<i>Gene</i>	<i>Forward</i>	<i>Reverse</i>	<i>Product Length (Genomic)</i>	<i>Product Length (cDNA)</i>	<i>Efficiency</i>
TAOK1	CGAGCTTGAACAGAGGGTCT	CTCATTCTGCAAAGCCAACA	8342	82	2.017
TEGT ²	ACGGACTCTGGAACCATGAA	AGCCGCCACAAACATACAA	564	141	1.984
TLR4 ³	ACAACCTCCCCTTCTCAACC	TGAGATGTCCAATGGGGAAG	3759	300	-
TNFSRF10A	AGAGAGAAGTCCCTGCACCA	GTCACTCCAGGGCGTACAAT	1201	154	1.865
VPS16	CTTCTTGTTGGCGATGTGG	GCCCGTTGAATCTTGTCAG	0	131	1.891

¹ Oligo sequence from RTPrimerDB {{260 Pattyn,Filip 2006; }}

² Oligo sequence from {{493 Grzmil,Michal 2003; }}