Supplemental Table S1 Kinesin Probes

Gene	Designed on EST	Primer Fwd 5'->3'-OH	Taqman Probe 5'->3'-OH	Primer Rev 5'->3'-OH
KIF5A	AF067179	TGTCTTTGACCGCGTCTTCC	CCCAAACACCACTCAGGAGCAGGTTTAC	TGCCATTGTAACCAGCAAGG
KIF5B	U86090	AGAAGATGGTGTTGGAGACGGA	TGGAGCATGAGAGGCTGAAGGCTACAGAC	CATAACCGTGAGCTCGTGCA
KIF5C	AF067180	AGCATCAAAGTGATGTGCCG	AAGCGGAGATCCTCCGCGGG	ATCACCACCGTCTCCTCGC
KIF3A	D12645	GCAAAAACTGGAGCCACAGG	CAGCGCCTCAAGGAAGCTACCAAAATC	TTTCCATCCACCAAGGCAG
KIF3B	D26077	AACCTGTCCCTTTCCGCCT	TTGTAGATGGCAAAAGCACCCATATTCCA	TGGAGAAGCCTGGTCAGCTT
KIF3C	AF013116	TTCTGGCTCTGGGAGACTGC	TGAAGGTGAGAGGTGTCCTAATGGTGTTGG	AGAGAGAATCGAGCACAGCTCA
KIF17	AB001424	CGTATGGGCAGACAGGCAGT	TCTTTCACCATGCAGGGACTGCCA	AAACACGTGCTCGAAGGCTC
KIF1A	D29951	ATGACGCTCTCTGCCTACATTGA	AGCTGTCATCACCAAGGACTTCTGCATG	CTTGGCGTCCCGAGAGTAGA
KIF1B alpha	D17577	ATTGTGACCTTGGAGCCCTG	AGCGCTCAGAAACATACGTGAATGGCA	CCCATGATGATACGGTTCCC
KIF1B beta	AB023656	AACTTGCGTGTGCGTGAACA	CCGCTTCTTGGACCCTATGTGGAGG	GCATCCATCAGGTCAGCGAT
KIF1C	AB001456	TGGAAATCTATTGCGAGCGA	ACGAGACCTCTTGAACCCCAAGAGTCG	GTCTTGCACGTACGGGCCTA
KIF13A	AB037923	CAGGAACCATTCCAGAACGC	AGAGCGGGAGTCTTGAAGTGGTCGACA	GTGAATGACTTCGCCGCTG
KIF13B	AB001430	AGCACAGTGTGTTGGGACCC	ACGTGGATGGACTTTCTAAACTGGCTGTCA	CCGAGACTTGTTGCCCTCAG
KIF14	AB001431	CACCGGCATGAACGATAAAA	CTCCCGGTCTCATTCTGTGTTCACCC	TGTGGTCATGTTCCTCTCCCT
KIF16A	AB001425	TGGAGGCAGGGATAGCAAAC	ATCACAGCAGCCACCCATGTTCACG	GATTGCCTGTGTGCAGTGGA
KIF16B	AB001423	AAGAGTCCGTGAGCATCCCA	ATTTATCCAAGCATTTAGTCCAGAACTACAGTGATGTG	TTCCTGCGTCCATGAGTTCC
KIF4	D12646	CGCCTCTGGGATCAATTTGA	ACTTGGCGGTTAAAGCTCCGGTTGG	CGGGTAACTCACCAAACTAAACG
KIF7	AB001435	CCTCCCTGCATGAAGATGAAC	CCATGGCTGAGGCCTTCAAGCTCA	TACATGCACCAGGCAGTCCA
KIF21A	AF202892	GCAAGTCCCAAATGCACACA	ACTGGGTGTGTGCCCTGGGCCT	AGAGTTTCAGAATGCCGCCTC
KIF21B	AF202893	TCCCCCACCTCGATCTGAG	TCACGTGACCTGACAGTGAAGTTCTGGAG	GTCCTAACTTCAAGGGTGGGC
KIF11	AB001427	CAGACTGGCACTGGAAAAACTTT	TGAAAGGTCACCTAATGAAGTATGTACCTGGGAGG	GTGCGTGGAATTATACCAGCC
KIF20A	Y09632	GAGCGCTGCAAACATCAAAA	AGTGGTGAGCGGCTAAAGGAGGCAG	TGTCGCAGGGCAGCAATAC
KIF20B	AB054030	CCGTGAACAGTTGTGACCAGTC	AAGTATTCTGTGTGGGTTTCTTTCTTTGAAATTTACAATG	GGACACAGGAACAAACAAATCG
KIF23	AK013939	CGGAGGAGGCTTTTGAGGTT	AAAAAGAGACGCATTGCTAACACCCATTTGA	GCTGAACACGCTATGTGAACG
KIF10	AB001426	AATTCGGGAAGACACCAATAGG	CTGATCTCACAGAAGAAGTGGTTTATACAGCAGAAATG	TTTCTCCTGTTGCGAGCCAT
KIF18A	AB054024	GATCAGCTGCTGAACCTGGG	TCATGTACCTGACAATGCTGGACCTTTTCAAA	TGACACGGCAGTGCTACACTC
KIF18B	AB054025	GAGCAGATCCATGACCTCCTG	CCAAAGGACCCCTCACCATCCGTG	GCTGGCTGGTGGAAAGAAAG
KIF19A	AB054026	GGGAAGACCTACACCATGCTG	CACTGACCACGAGCCAGGCATCTATG	ATGTCATTGCTGGTCTCCTCG
KIF9	AJ132889	ATGCGGTTTCTCAAGCCCTT	TACGGGCAGACAGGAGCCGGC	ATTCTCCGTTGCCCCTGTC
KIF6	AB001434	GCAGTTGCAAAAGGACAGCA	TACACGACACACATTTCTTACTTGGAAATCTACAACGAAT	CTTCGTGTCTGGGATCCAGC
KIF22	AF013119	AGACACACACAATGCTGGGC	CAGAGCAACCTGGAGTGATTCCTCGG	CCGTCCCTCAGCACTCTCTT
KIF26A	AB054031	TTCAGGACACCCAATCTCCG	CGTGTACCTCCGGGAGGACCCTG	CTTCTCTGCTGTGGGTGCAC
KIF26B	AB053955	TGTGAAGACCCCGCAGAGA	CCTTCTTCCTGGACGCCGCCA	GAGTTGCGGTGGTCATCCTC
KIF15	AB001432	CGGCGTCAGTCGGACTGTAT	AGAAGGGAGTCTTTGTGGTCGGTGCA	CTGGTAGGTCTCGGCAGCTG
KIF2A	D12644	TGTAAAGAACCGGCGGACTG	ACCCTCCCCCGAGAGATAATAGAGTGGTTG	CAGGAAGCTGACTAGGCCGT
KIF2C	AB054029	TCTGGCTACCTGTGCTGATGA	CGTCAAGATGATCAACATGGGCAGAGC	GGGAGCAGGAGGAATTGGAG
KIF24	AB054028	GCCTTCGAGAGCTCCAAGTG	ACAGTGTGGAGCTACTCCTACAGGTGATCTTAAAGG	GTCTGCGTTGACACCAGTGG
KIFC1	AF013117	GCGAGTGCGAGATCCGTC	AGCCCAGGGAGTGAGGAGCTTACTGTCA	CAGGGCCTCCACCTCTTTCT
KIFC2	D49545	AGGACGCCAGCATTGCTTT	CCTGGACTGGGTCTTTCCTCAAGATGC	GGAGGCAGGACAACACAGCT
KIFC3	AF013118	CAAGTACCGCCGGGAACTAC	CTGCGCAAGAAATGCCATAACGAGC	TGGTGACTGGCCGGACTC