

Table 1. Primers used for qRT-PCR for bHLH-PAS and HES family genes

Name of gene	Forward primer	Reverse primer
Hairy	TTACGGGAACCAACAACACC	CTTTTTCCGCGACAACATTT
Side2	GCTTGATTTCCCCTGTTCAA	GTAGCGCACAGTCATTTCCA
Deadpan	TCGACCTTCCCAAGAATCAG	GTTGGACGTTTTGGAGGTGT
E(spl)mgamma2	TAACACAACGTGCAGTGTCG	CAAAATATCGGCCTTCTCCA
E(spl)mgamma1	GAAGGTGATGAAGCCGATGT	CACCTTGTCCATCTCGTTGA
Side1	GGGAGTGCACCAGTACAAGG	GTATCCTCCTTCGGCTCCTC
Hey1	GGTAGGAGTGGGGCAAAAAC	CTTTTTCCGCGACAACATTT
Hey2	GATTTGAGCGAAGGGATCAA	CTACGGCTCTGGTTTTCGAC
SRC	CGTCGCCTACGATCACACT	AGCTCGCCTGGTTGTAGTTG
Tango	AGTTGTCGACGCAAGAACCT	CCCTACGAGAGCCCATAACAG
Cycle	CATGCTGGAGCTGGACAGTA	TTGCAGAAAGTTCGGTGATG
Clock	CCGGAGTTTATCGTTTGCAC	CGATGTCGTAACCTCCCGTCT
Trachealess	CCATGGTGAAGATGCCAATA	CCCCGCTTTTTGTTCCATTAGT
Sim1	GGGTTCTTCCAGACCACACT	GTTCCAGGAGCAGGTCTTTGC
Sim2	AGCTGGGCTCCTATCTCCTC	CGTGAGTTCTACCTGCGACA
Hypoxia	ACCGACCCTTTCATTTTCGTA	TCGCTCGGACTATTTAACGA
Spineless	GGCATGATAGCGTACCGTTT	ATTGTACGTTTGCCGAGGAG
Dysfusion	AGCCAGCAAGCTACGAAGAG	ATGCCTTTGAAAATCCGATG

Table 2. Primers used to amplify bHLH-PAS, HES templates for dsRNA synthesis

Name of gene	Length of dsRNA	Forward primer	Reverse primer
Hairy	242	TCTGAACCAGGGCCAGAAG	CGGACTTTGACTGGGTGAAT
Side2	302	ACTCGAAAACCACCCTCAA	CACACATTTCCCCCAATTTT
Deadpan	448	AACGACCAAGTGCTTTCGT	ATTCGACTCCCGAGAAGTG
E(spl)mgamma2	230	TGGAGAAGGCCGATATTTTG	TCAACCGAATCCAACCTGGA
E(spl)mgamma1	318	TGGAGAAGGCCGATATTTTG	CACCTTGTCCATCTCGTTGA
Side1	400	TCAAGACCCTCATCCTCGAC	TTCGCTGTCGTATCCTCCTT
Hey1	388	CTACCTGGAACGCATCGAA	TATGGTGAAGGTGTTGG
Hey2	358	ATCCTCAACCACCTCCAGAA	TCTCTGGTTTTCGACGCTGTT
SRC	524	CTTCGGCAACAGCATCTACA	TCGCTTGTCCCGTATGAAT
Tango	444	TAGCAGCGGCCAGAATGTAT	TTCAAATCCTCAAACGAAGC
Cycle	156	AAATTGAAAAGCGGCGAAG	AATGCACGGCTCCTCTTAT
Clock	381	TAGCAACCGGAAGTCGAAA	TCGCAAATGACACGAGAAG
Trachealess	444	GTACGCGAACAGAGAGAGC	CCGGGATGATAGAGATGGAA
Sim1	392	ACGACGATTTTCAGCGACTCT	TCGTTGGCAAGTTGGTACTG
Sim2	203	TCGTGTCTGCCTCATTGAGT	GGCAATTAGACGGCTGTCAC
Hypoxia	292	GCGATTCTCTAAGCGACGA	TATTCGTCCACGTCCATGAG
Spineless	458	CTCCTCGGCAAACGTACAAT	AGGGGGTGGAGTGATAGT
Dysfusion	200	GGAGGACCTGTTGATCCAT	CTACCTTTTTGGTCCCCGAAC
Met/GCE	300	TAAGGCGGCAAACCTC	TGGCTCAACCGACTCGTC