

Experiment	Primer	Sequence
Psg cloning screen	PSGF	5'-TYCAYCCDKTGGHTCTTCAAYA -3'
	PSGR	5'-CACAYYGRtamTYTCCASCATC-3'
	Psg-All2F	5'-GTGTTGACAATCTGCCAGAGAATCTT -3'
	Psg-All2R	5'-CTCCTGGGTGACATTTTGGATC -3'
Psg31 Psg32 expression	Psg31 E1F '	5'-TGAAAGTGGTCCTTCCTTG-3
	Psg31 E4R	5'-GGCTGTAGAATCCTATATCCTCTTTG-3'
	Psg31 E4F	5'-GCCTACCACTGCCAAATAA-3
	Psg31 E6R '	5'-CACTTTTCCCTACAGCAACTTTTT-3
	Psg31 E5F	5'-AGCTGTACATGGACACATCCC-3'
	Psg31 E8R	5'-CAGTGACATCAATCATCGCC-3'
	Psg31 E7F	5'-TGTTGGAGGGGAAAGTGTC-3'
	Psg31 E9R	5'-ACTGAACCTTGCAGTGGAGC-3'
	Psg31 E9F '	5'-CAAAGGTGTGATTGCAGAGG-3
	Psg31 E10R	5'-GCTTATTGAAGAGCCAACGG-3'
	Psg32 E1F	5'-GGAAGTGTTCCTGCCTGAGA-3'
	Psg32 E5R	5'-CAGGTACAGCCACCATTGTG-3'
Psg QPCR	Psg19 QRT F	5'-TCCAGTGCCACCACATGCTGTC-3'
	Psg19 QRT R	5'-TGCACGGCCACTGATGATAGACTCT-3'
	Psg21 QRT F	5'-AAACTGTGAATGGATTTCGGG-3'
	Psg21 QRT R	5'-TGGAAGGAGGGAATTGGGTA-3'
	Psg22 QRT F	5'-CGCATGGCCAGTTGGCCATT-3'
	Psg22 QRT R	5'-AAAGCGGGGAAATAGTTGTAGTA-3'
	Psg23 QRT F	5'-GAGCCTGTCCCCGTCAAAGTGT-3'
	Psg23 QRT R	5'-GAAATGCCTCTGCCCTGCTATAGT-3'
	Hprt QRT F	5'-CTATAAGTTCTTTGCTGACCTGCT-3'
	Hprt QRT R	5'-ATCATCTCCACCAATAACTTTTATGT-3'
EST expression RTPCR	BY564540 Internal EST F	5'-AGATCCCAAGACTGCAGGAA-3'
	BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3'
	BY564540 EST BLAST1 F	5'-TCCCAAGACTGAACGTACTAT-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 EST BLAST2 F	5'-TCCCAAGACTGCAGGAACTAC-3'
	BY564540 EST BLAST2 R	5'-ATCCTTGAACCTGAGAATCT-3'
	BY564540 EST BLAST3 F	5'-TCCCAAACTGCATTCATTA-3'
	BY564540 EST BLAST3 R	5'-CTCCCTGGGTCCAAAATCT-3'
BY564540 Primer walking	BY564540 Internal EST F	5'-AGATCCCAAGACTGCAGGAA-3'
	BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3'
	BY564540 Internal EST F	5'-AGATCCCAAGACTGCAGGAA-3'
	BY564540 AS3 R	5'-TGCAAACAGTTATGGGGGAC-3'
	BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
	BY564540 AS3 F	5'-AGCGCCCTGTCTGGTTCCCT-3'
	BY564540 4 F	5'-ATCCTACCAGTGGCTCTCAT-3'
	BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;

BY564540 5 F	5'-CAGAAGGAGATGCCCAGTGA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 6 F	5'-AAGTCTCATAAGCATTGAGAACA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 7 F	5'-ACCATTGCCTGAAGGAGAGGA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 8 F	5'-TGGATACTTGGCTGGAGACAGA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 9 F	5'-GTAACCAAGTGATAGAGGACAAGGA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 10 F	5'-AGGGGAACATCAGCAGGTCA-3'
BY564540 Internal EST R	5'-GGCCCTCATCATAAGCACAT-3;
BY564540 11 F	5'-AGGAAGGCATGAGCAGATGA-3'
BY564540 A1 R	5'-TGACTGGGACTTGTTTACCTGAT-3;
BY564540 11 F	5'-AGGAAGGCATGAGCAGATGA-3'
BY564540 A2 R	5'-AAGCGTCGGATGAACTGACAA-3;
BY564540 12 F	5'-GCAGTTCAGGAGAGCAGAGCA-3'
BY564540 A2 R	5'-AAGCGTCGGATGAACTGACAA-3;
BY564540 13 F	5'-TGGAGACAGACAGTGTGCTTCA-3'
BY564540 A3 R	5'-TGTTGAACCCCTGCTGTAG-3;
BY564540 14 F	5'-TGCTCAGTCACTCCACTCTCA-3'
BY564540 A3 R	5'-TGTTGAACCCCTGCTGTAG-3;
BY564540 15 F	5'-TCAGAGGACTTTGGGCTTCT-3'
BY564540 A3 R	5'-TGTTGAACCCCTGCTGTAG-3;
BY564540 16 F	5'-TGCTCTGTGGAATCCTACTCA-3'
BY564540 A3 R	5'-TGTTGAACCCCTGCTGTAG-3;
BY564540 EST BLAST1 F	5'-TCCCAAGACTGAACGTACTAT-3'
BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
BY564540 BLAST1 3.2 F	5'-TTGGTATCTCAACAGCATCTTAATA-3'
BY564540 BLAST1 3.3 R	5'-TGAGACCCAGAAGGAGATGC-3'
BY564540 EST BLAST1 F	5'-TCCCAAGACTGAACGTACTAT-3'
BY564540 BLAST1 3.2 F	5'-TTGGTATCTCAACAGCATCTTAATA-3'
BY564540 BLAST1 3.3 F	5'-TGAGACCCAGAAGGAGATGC-3'
BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'

	BY564540 BLAST1 3.6 F	5'-TGGTTCACAGACACCTGAGAA-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 BLAST1 3.7 F	5'-TTCATTAAGACTGACTCCAAGA-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 BLAST1 3.8 F	5'-TAAGGTTATTTCTCTTTGGTCC-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 BLAST1 3.9 F	5'-TTTCACTCTTCTAAGTTCTCATAA-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 BLAST1 4.0 F	5'-CAGAAGCAGTTTAGGAGAGCAGA-3'
	BY564540 EST BLAST1 R	5'-TTTTTTGGGCCTGAGAATCT-3'
	BY564540 BLAST1 4.0 F	5'-TTTAGTCCATGACTTGCCAGG-3'
	BY564540 BLAST1 4.1 R	5'-CACCCCTTTCATCCCCAGAGTA-3'
	BY564540 BLAST1 4.2 F	5'-TTTTCTGGTTCAAGGGTGT-3'
	BY564540 BLAST1 4.2 R	5'-AGGGAATTTGTAGGGACCAGA-3'
	BY564540 BLAST1 4.2 F	5'-TTTTCTGGTTCAAGGGTGT-3'
	BY564540 BLAST1 4.3 R	5'-TTAACGCTCACATTGCTGTCTA-3'
Chromatin Accessibility assay	Psg22 CA F	5'-CCCTTCCCAGAGCACTGAGGACACA-3'
	Psg22 CA R	5'-AGCACTGACATGCCCCAGAGAACA-3'
	Psg23 CA F	5'-CCACGTCCAGGAGTCAGCAGATGTC-3'
	Psg23 CA R	5'-GAGGGAGGAAAGAAGTCAGAGA-3'
	BY564540 CA F	5'-GGGCCTGAGAACTGGCTGCTGAAA-3'
	BY564540 CA R	5'-TGTGCTCTCCATGCTGAGACCCAGA-3'
	Blast 1 CA F	5'-GGCCTGAGAACTGGCTGCAGAAAC-3'
	Blast 1 CA R	5'-TGCTCTCCATGCTGAGACCCAGAAG-3'
	BY564540 2kbUP CA F	5'-TTGAGCGTTCTGGCTCTGAGTGC-3'
	BY564540 2kbUP CA R	5'-CCTGGGCCTCCTGCATCAGTTAAGA-3'
	BY564540 2kbDWN CA F	5'-GCACCCCAACACATGCGAAAACCTA-3'
	BY564540 2kbDWN CA R	5'-GTTTCCATCTCCAGCGTTGCCTCAC-3'
	Blast 1 2kbUP CA F	5'-GCCTTGACTTCTGCTGAGGGCTACAC-3'
	Blast 1 2kbUP CA R	5'-CTCACTGGCCCATGTCTGGTGTCTC-3'
	Blast 1 2kbDWN CA F	5'-GCTGAGTATGCATCTCCCCAGGTC-3'
	Blast 1 2kbDWN CA R	5'-CAGCCAAAGCCAAACCAGGAGACTG-3'
	Gadph Control F	5'-CAGCTCCCCTCCCCTATCAGTTCCG-3'
	Gadph Control R	5'-ACCAGGGAGGGCTGCAGTCCGTATT-3'
	Rho Reference F	5'-AGGTCACTTATAAGGGTCTGGGGG-3'
	Rho Reference R	5'-AGTTGATGGGGAAGCCCAGCACGAT-3'