

**Table S1 Primers Used In This Study**

Primer Name	Sequence	Primer Name	Sequence
Pp-1-Paci-R06	CTTTAATTAATACTAGCTCGTTTCGC A	NCU00995R2	GCGGATAACAATTTACACAGGAAACAG CACGACCATCGAATTCCTACC
Pp-1-Spei-F06	CGACTAAGTATGTATTCTTCGCAGCATGC	NCU01121F1	GTAACGCCAGGGTTTTCCAGTCACGAC GGAAAGACTCTCCAGATCAGC
Pp-1p-Noti-F06	GCGGCCGCGACCATAGTGGTGTAGACTA CT	NCU01121R1	ATCCACTTAACGTTACTGAAATCTCCAAC GGTATTGTTGGGAGTACTGG
Pp-1p-Spei-R06	CGACTAGTTCCAAGCTTAAAAACCTCCTT GATA	NCU01121F2	CTCCTTCAATATCATCTTCTGTCTCCGACC TAGGAAATACGAAGGACGG
Pp-1 Sgra1-F06	TCTACCCACCGCGAGTATG	NCU01121R2	GCGGATAACAATTTACACAGGAAACAG CAGTTACGACGAAACACCCAC
Pp-1-Sfii-R06	AAAGAGGACGAGTTGGCCTGCTGGTGG GCCTTG	NCU01380F1	GTAACGCCAGGGTTTTCCAGTCACGAC GATATGCGGAGGCACTTCAAG
Pp1-Smtrpr06	CGCTGTAACAGAAGAACACCTT	NCU01380R1	ATCCACTTAACGTTACTGAAATCTCCAAC TTGTGCTGAGGCTATCCGTT
Pp1-Smtrp-F06	AAGGTGTTCTTCTGTTACAGCG	NCU01380F2	CTCCTTCAATATCATCTTCTGTCTCCGACA CCCTGAGCTTTATGTGACC
Pp-1-Smc-F06	TACGTCACTCATAAGCCAGAAG	NCU01380R2	GCGGATAACAATTTACACAGGAAACAG CAAGCTCTATTGGCATGGAGG
Pp-1-Smc-R06	CTTCTGGCTGTATGAGCTGACGTA	F00811	GCGCGCTTACTATTGAAG
Pp-1-Afiii-F06	CGTTTGGAGCACCTTAAGAG	R00811	GATAGATGGCGCAAAGGATG
Pp-1-Nsii-R06	GTAGATTGGAAGGGTGAATG	F00995	GAGGCAAGACGGTAAGTTGG
Fqpcr00881	TGCTCACATCAACTCC	R00995	TCCGGTTGGTATGTTGGTTT
Rqpcr00881	CCGAGGTTGACGTAGATA	F01121	CAGGGGAAAGCAATCAAGAG
Fqpcr04732	CAAGTATAACTCGGCTG	R01121	TCGTCAATCTCCTCCTCGTT
Rqpcr04732	TAGCACCTCGTGACAATG	F01380	CCATCGTCCAACCTTCCCTC
Fqpcr02613	GCTGGTTTGATTGGGGTAGA	R01380	TTCATGAGCATGTGTGCTTG
Rqpcr02613	AAGTAGGGGCGGAGTTTGAT	F09693	GCAGTCCAGTGGTGAAGGAT
Fqpcr02246	GCTTGCTCTCACGACTACC	R09693	CCGTTGACCCAGTAGGTTTG
Rqpcr02246	CGGAGCTAAAGCTCAAGGTG	Hygrupflk	GAATAGAGTAGATGCCGACC
Fqpcrprm1	TCTGCTCCAACAACCTCTTC	Ccg-4_F	CTTCTCCGTGACACCACCTT
Rqpcrprm1	CCGCGATATTCAATGTAGCC	Ccg-4_R	TCATCGGAGTGAGCAGTGAG
NCU09693F1	GTAACGCCAGGGTTTTCCAGTCACGAC GGTGCCTGGTTTTCTCGACTT	Mfa-1_F	CGGTATCTCGCTCTCAACGT
NCU09693R1	ATCCACTTAACGTTACTGAAATCTCCAAC TCTACGGACATAGTCGAGGT	Mfa-1_R	GGTGCTCCCATTGTGCAGA
NCU09693F2	CTCCTTCAATATCATCTTCTGTCTCCGACT TGGTCGACCACTATTTCCC	Pre-1_F	GAATGCTTCCACGTCCCTA
NCU09693R2	GCGGATAACAATTTACACAGGAAACAG CCGTCATAATGGAAGACGGGA	Pre-1_R	AAGGCGGTAGGATTGTTGTG
NCU00811F1	GTAACGCCAGGGTTTTCCAGTCACGAC GCAGTCTACCAAGGAACGACC	Pre-2_F	CACCAACTTTTCTCCTCCA
NCU00811R1	ATCCACTTAACGTTACTGAAATCTCCAAC CCAAGGAGTGTGGTGTAGC	Pre-2_R	GTCGTCGTCGTGGTGTATG
NCU00811F2	CTCCTTCAATATCATCTTCTGTCTCCGACT ACGGGCTACGTTATCTAGG	04732F	AGATCTAGACATGCCCTTGGTATCAGG A
NCU00811R2	GCGGATAACAATTTACACAGGAAACAG CAGTGCTTCTACTACCAGACC	04732R	GGGCCCTCATTCAATTAATTAACACCAA ATCTCCTCTTCACTCC
NCU00995F1	GTAACGCCAGGGTTTTCCAGTCACGAC GTTGGTCTTAGTACTCTCG	Fgfp+8xgly	TTTGGATCCCGCGCGGTTGGTGGCGGC GGTGGTATGGTGGTGGTGGTGGCGGAG
NCU00995R1	ATCCACTTAACGTTACTGAAATCTCCAAC CTAGTCCGTCACATTGAAGC	Rgfp+8xgly	AAAGGATCCCAACCGCCACCACCCGC CGCCCTTGACAGCTCGTCCATGC
NCU00995F2	CTCCTTCAATATCATCTTCTGTCTCCGACG GGATGGGTTTCGTTGAGATA		