

Additional file 7. Primers used in this work

Primers	Sequences (5'-3')	Usage
rpoNU-1	CGGCGAAGAGGACATCACG	Mutagenesis
rpoNU-2	AGAGTCTGAATGATTCTCCC	Mutagenesis
rpoNU-3	GGGAGAATCATTGACTCTACCTGGGATGAATGTCAGCTAC	Mutagenesis
rpoNU-4	CCGGCTGCAGAACCGGCTGGCAGAAGGCGGCGGTGGAATCG	Mutagenesis
rpoNU-5	GCCAGCCGGTTCTGCAGCCGG	Mutagenesis
rpoNU-6	GCCGTCTTCATCTATGTTGC	Mutagenesis
rpoND-1	CCCAATCTGAGAATCAG	Mutagenesis
rpoND-2	CAAATGTCAGCTGGTC	Mutagenesis
rpoND-3	GACCAGCTGACATTTTGACCTGGGATGAATGTCAGCTAC	Mutagenesis
rpoND-4	CAAAGCACGAAATGACGAGAAGGCGGCGGTGGAATCG	Mutagenesis
rpoND-5	CGTCATTTTCGTGCTTTG	Mutagenesis
rpoND-6	TCCTTGTGCAGAAGATCC	Mutagenesis
Cm-rpoNF1	GCGCCACGGAAGATCACTTCGC	Mutagenesis
Cm-rpoNR2	AGAGTCTGAATGATTCTCCCAGGGCACCAATAACTGCC	Mutagenesis
C-rpoNF3	GGGAGAATCATTGACTCT	Mutagenesis
C-rpoNR4	GCGCCCAAAGCACGAAATGACGATC	Mutagenesis
ppcAF1	CGTTCGTCATGGAAGAAG	Mutagenesis
ppcAR2	GGAACAGAAGAAATCCCACAG	Mutagenesis
RpoNKmII-1	CTGGTCCGTCAGGAGATGG	Mutagenesis
RpoNKmII-2	GGATCAGGAGACATTCCCTC	Mutagenesis
RpoNKmII-5	CACCTCCACTTGGAG	Mutagenesis
RpoNKmII-6	TACGTCCCTGAGCACCAG	Mutagenesis
RpoNKmII-3	GAGGGAATGTCTCCTGATCCACCTGGGATGAATGTCAGCTAC	Mutagenesis
RpoNKmII-4	CTCCAAGTCGTGGAGGTGAGAAGGCGGCGGTGGAATCG	Mutagenesis
RpoNfor-XbaI	GGTCTAGACGGATCTTCCTTCAAAGGTG	RpoN expression
RpoNrev-EcoRI	GGGAATTCGTCAGCTGGTCAAAAATGAC	RpoN expression
RpoNfor-EcoRI	GGGAATTCGGATCTTCCTTCAAAGGTG	RpoN overexpression

Additional file 7

RpoNrev-HindIII	GGAAGCTTGTCTCAGCTGGTCAAAAATGACG	RpoN overexpression
GSU0364-06	GCCAGGGATGCGATCAG	Primer extension
GSU0420-04	AAGCTTTTTCTTGTCTTTG	Primer extension
GSU0777-04	CTGCCTTCGTGAAATACC	Primer extension
GSU0938-06	GGTCAGGGAAAGAATCTTC	Primer extension
GSU1836-04	CTTCATCCAGCTTGAACG	Primer extension
GSU2005-02	CGATCTTACGTTGGCTGC	Primer extension
GSU2302-04	CGAAAGAGAAAATCCAGAG	Primer extension
GSU2490-02	GCTACTTGCCACCCCTTG	Primer extension
GSU2751-02	GAGAACGAGAACGAACTGG	Primer extension
GSU2806-08	GGTTGTGTCGTAATAATC	Primer extension
GSU3046-02	CGTCTGACATGAGAGTTTC	Primer extension
GSU3206-06	GAGCCTTCATTCCTCAG	Primer extension
pGEXrpoNEcoRIfor	GGGAATTCGCCATTGAAATGCGCCAAC	RpoN overexpression for antibody production
pGEXrpoNXholrev	GGCTCGAGTCAAAAATGACGTTTGCG	RpoN overexpression for antibody production