

Table S2 - Primers used in this study

Primer name	Sequence (5'-3')
cya-lpg0581F	GCACGAATTCAATGAACACAGATGATATAAAATAAA
cya-lpg0581R	GAGCGGATCCTTAAACTCTTCCCAAATTC
cya-lpg1692F	GAGCGAATTCAATGGCACGCAGCAAAGAAGA
cya-lpg1692R	GAGCGGATCCCTAACTCGGACCCTCGTACGTAA
cya-lpg1717F	GAGCGAGCTCAATGCCAGTTCGTTATTCAGG
cya-lpg1717R	GACGGTCGACTTAAATGGCCAATGCAGTAGAA
cya-lpg1887F	GAGCGAATTCAATGAAAAAAGTGATATTGTATGC
cya-lpg1887R	GAGCGGATCCTATTGGTTAGCCTTTTGCAAT
cya-lpg2164F	AGCGAATTCAATGTATTTTTCAAGATGTATTCAC
cya-lpg2164R	GAGCGGATCCGTCACCTATTCTGCGCTTG
cya-lpg2546F	GACAGAGCTCAATGAGCATAACAGTTAAATCCT
cya-lpg2546R	GAGCGGATCCTTATAAGTTTAGAGTCTTGAAAC
cya-lpg2552F	AGCGAATTCAATGAAAGAAATAGTTAGTTATTAG
cya-lpg2552R	GAGTGGATCCGGTTGCTTTAAAAACCTCAT
lpg2552-C-ter-92F	GAGCGAATTCAACCTGGCCACCGTTTTTGA
lpg1888F	GAGCGAATTCAATGCTCCAATTTTTTGAGAAAAG
lpg1888R	GAGCGTCGACAGCCTAAAAATCAAGAACAAC
lpg1888-K165R-F	GTCCAACCATAATAGAGCCATCTGGATTGATGGGG
lpg1888-K165R-R	ATCCAGATGGCTCTATTATGGTTGGACGCAATGGA
lpg1888-K376R-F	GGTATTTCATATGAGATTTATGTCAATTGATGGGC
lpg1888-K376R-R	GACATAAATCTCATATGAATAACCTCTTTTTCAT
ylfA-cyaA-EcoRI	GAGCGAATTTCGATGGCTACTAATGAAACAGAGC
ylfA-cyaA-PstI	GACGCTGCAGCCTTAAATCCTTCTCTTAATTGAC
lpg1108F	GAGCGAATTCAATGTTGAAGCGCGTTCTTAATAC
lpg1108R	GAGAGTCGACGTTTATGGATTGAAAAGG
lpg1227F	AGCGAATTCAATGAAAACGGTAAATAGTCAAAATG
lpg1227R	GAGCGTCGACTTTTACGCCCTATATAGGGATG
lpg2410F	GAGCGGATCCAATGAAAACAAAGCAAGAAGTTTC
lpg2410R	GAGAGTCGACGCTTTGGATTTAAACCTG
Lpg1426-EcoRI	GAGAGAATTTCGATGACCCACAGCAGCTC
Lpg1426-BamHI	GACCGGATCCATGTGATGCAAACTCATACG
VipD-F	GAGCGGATCCAATGACAAAAAGCCGTAATTA
VipD-R	GAGAGTCGACGAAAAATGTTCCGGAATTATTC
2552-up-BamHI	GACAGGATCCGGACAATGTAAATAAACAATAAG
2552-up-SalI	GACAGTCGACTATTTCTTTCATTACAATAAATCCT
2552-dw-SalI	GACAGTCGACCATAAGTGATGAGGTTTTTAAAGC
2552-dw-EcoRI	GACAGAATTCCAAGCATCAAGTTCATTTTTTC
1888-Up-BamHI	CGTCGGATCCCCGGGCGAACTGCAGTCACTGTC
1888-up-EcoRV	GACAGATATCAAAAAATGGAGCATGATTC
1888-DW- EcoRV	GACAGATATCTGTTTGTGTTGTTCTTGATTTTAG
1888-DW- EcoRI	GACAGAATTCGCGGAAAATGTAGCATATCAATGC
DGK1-SpeI	GAGCACTAGTATGGGGACCGAAGATGCCA
DGK1-SalI	GAGCGTCGACATGCTTTTATTTCTTGAATGTTTTG
DGK-R76A-F	CATGAAATTCGCGCTAAGGTGTTCCATTCTTCCAT
DGK-R76A-R	CACCTTAGCGGGAATTTTCATGTTTAGTTATAAAAT
DGK-D177A-F	CTAAGTTGGTCCGCTACAGCCGCCGCAACTATTG
DGK-D177A-R	GCGGCTGTAGCGGACCAACTTAGCAAAAATAACG
Cdc28-SpeI	GAGCACTAGTATGAGCGGTGAATTAGCAAATTAC
Cdc28-SalI	GAGCGTCGACTTATGATCTTGGAAAGTAGGGGTG
NEM1-SpeI	GTGCACTAGTATGAATGCCCTAAAATATTTCTC
NEM1-SalI	GAGCGTCGACAATTGTCAGTTTATGTTGAATG
SPO7-SpeI	GTGCACTAGTATGGAGCCAGAGCATAGG
SPO7-SalI	GAGCGTCGACTCTTTCATTCTGATTTAGGTGCG

Pah1-for	GCTCCAGCTGCTCTCTTCGTTCCGAGTTCC
Pah1-rev	GTTATCTAGAATCTTCGAATTCATCTTCGTC
Pah1-D398E-for	GTTATCAGTGAAATTGATGGCACCATCACAAAATC
Pah1-D398E-rev	GCCATCAATTTCACTGATAACAATTGGAACATCCC
HA-For	GCTATCTAGAGGAATCTTTTACCCATACGATGT
HA-Rev	GTCGTCGACCTAGCACTGAGCAGCGTAATCTG
Pah1-kanMX-for	ATGCAGTACGTAGGCAGAGCTCTTGGGTCTGTGTCTAAAACATGGTCTTCATCGATGAATTCGAGCTC
Pah1-kanMX-rev	TTAATCTTCGAATTCATCTTCGTCGAATTCATCGTCATCGAATTCATCGCGTACGCTGCAGGTCGAC
NEM1-kanMX-for	ATGAATGCCCTAAAATATTTCTCAAATCATTTAATAACTACAAAGAAACAATCGATGAATTCGAGCTC
NEM1-kanMX-rev	TCAGTTTATGTTGAATGCCTTCTCTCCATGTTTCAATGCCAGTATATTCCGTACGCTGCAGGTCGAC
Myc-F-NdeI	GACACATATGATCCCCGGGTTAATTAACGG
Myc-R-yeast	AGGACCGTGCAGCGGATCCA
Pho85-Sall-for	GAGCGTCGACAATGTCTTCTTCTTCACAGTATG
Pho85-Sall-rev	GAGCGTCGACGGGCTGCGTTATGAAGC
Pho80-SpeI	GTGCACTAGTATGGAAAGCACATCAGGAGAAC
Pho80-Sall	GAGCGTCGACGAAAAATCATTAAATCTGGCTTTG