

**Table S1. Primers pairs used for site-directed mutagenesis**

S101A mutation in pnr $\beta$	5'-GGCTTCAAAGATCCGCGCCCTACGAGAGCG-3' 5'-CGCTCTCGTAGGGCGCGGATCTTTGGAAGCC-3'
S391A mutation in pnr $\beta$	5'-TGAGCAACGGAACCTCCGCGCCCCATTACCA-3' 5'-TGGTAATGGGGCGCGGGAGTTCGGTTGCTCA-3'
S268A/S272A mutant in Sc	5'-CCAGCAAACCTGCCACGCGCCAACATCAGCATTCAACTCCAGCAT-3' 5'-ATGCTGGAGTTGAATGCTGATGTTGGCGGTGGCAGGTTTGCTGG-3'
dTCF site 1 mutation in DCE	5'-TGAGATTGACTGTAATTGAAATTTTGTGTCAGATCGGAGCCAGACTTCAGAC-3' 5'-GTCTGAAGTCTGGCTCCGATCTGCAGCAAAAATTTCAATTACAGTCGAATCTCA-3'
dTCF site 2 mutation in DCE	5'-GTCCAATCTAATCGTTTGCCAAAGAACAAACGAGTTTCATTCATCCGGC-3' 5'-GCCGGATGAATGAAACTCGTTTGTCTTTGGCAAACGATTAGATTGGAC-3'
dTCF site 3 mutation in DCE	5'-TGACAAACACGCGTGAATAGCGGAAAACGTTTTTAGAGCTTTATC-3' 5'-GATAAGAGCTCTAAAAACGTTTTCCGCTATTCACGCGTGTGTTGTC-3'