**Table 2: List of primer sequences**

CG17654\_F: CATCTTCATGGCCTCTGTGA

CG17654\_R: TGCCGCTGTACAAACACATT

CG2229\_F: TCTGGGACATGATCTGGACA

CG2229\_R: CCTGGTCAACAAGGTGGAGT

CG5765\_F: AGTCTCGCCTCCCTTTAAGC

CG5765\_R: TTGATGGCCTGGAATTCTTC

CG34278\_F: CTTCTGCGGCATTGTAGGAT

CG34278\_R: GACTTGTCCACAGGGTCCTT

CG11129\_F: ACATGGGTCTCCAGATCGAC

CG11129\_R: CTACGCATTCCGGGTTTTTA

CG32073\_F: ACGGTGGTGGTTGTGGTAGT

CG32073\_R: GTGGCCATTTGCCTGTATTC

YFP\_232F: CACATGAAGCAGCACGACTTC

YFP\_688R: GCTCGTCCATGCCGAGAGTGAT

Act5C-87E\_F: GGCACCACACCTTCTACAATGAGC

Act5C-87E\_R: GAGGCGTACAGCGAGAGCACAG

lmPAT\_phospho-anchor: pCAGCUGUAGCUAUGCGCACCGAGUCAGAUCAG

lmPAT\_RTanchor: CTGATCTGACTCGGTGCGCA

lmPAT\_RTnested: TGCGCATAGCTACAGCTGTTTT

lmPAT\_TVN: GCGAGCTCCGCGGCCGCGTTTTTTTTTTTTVN

YFP\_lmPAT\_2786F: TGCTCAGAAGAAATGCCATC

YFP\_lmPAT\_3098F: CCCCCTGAACCTGAAACATA