

Table S2. Primers for site-directed mutagenesis

Primer Name	5' – 3'
ZP2 Δ TMF	cagcagctctgagattaccaagtagattattgcccaaggatattgctt
ZP2 Δ TMR	aagcaatataccttggcaataatctacttggtaatctcagagctgctg
ZP2 Δ CTF	ttctaggcttcatctgttacctgtagaagaaaagaactataaggtt
ZP2 Δ CTR	aaccttatagttcttttcttctacaggtaacagatgaagcctagaa
ZP3 Δ TMF	cagactgtggaaggctagactgcttctgctcaa
ZP3 Δ TMR	ttgagcagaagcagtctagccttccacagtctg
ZP3 Δ CTF	ccctggcagctatagtccttgcttagaccaggaagtgca
ZP3 Δ CTR	tgacacttctgggtctaagcaaggactatagctgccaggg