

Supplementary materials

Supplementary Table 1. Primers and vectors used for cloning GST-fusion proteins.

Construct	Vector	Primers
GST-PDZ1	pGEX-6P-3	gacatatcagcagaattctcatcatgctgg ggccacctgcctcgaggtgctcacggagca
GST-PDZ2	pGEX-6P-2	gagagttcgaattctgcgcggtg ttttgtaccggaactcagtcatggagctgc
GST-PDZ3	pGEX-6P-1	agttccggtacaagaattcagcagcgcac gccgctaccactcagttgctagccaccgctac
GST-PDZ1-3	pGEX-6P-3	gacatatcagcagaattctcatcatgctgg gccgctaccactcagttgctagccaccgctac
GST-PDZ1-2	pGEX-6P-3	gacatatcagcagaattctcatcatgctgg ttttgtaccggaactcagtcatggagctgc
GST-PDZ2-3	pGEX-6P-2	gagagttcgaattctgcgcggtg gccgctaccactcagttgctagccaccgctac

Supplementary Table 2. List of mutations made and primers used.

PDZ2 (N452E, P518K) mutations

BazN452E (f)	gaagggacccgagggctctgggc
BazN452E (rc)	gccagaccctcgggtcccttc
BazP518K (f)	gaggggcatgaaggcgggagcaac
BazP518K (rc)	gttgctcccgccttcagcccctc

PDZ2 4A mutations

BazR515A (f)	ggcaatcttggcaggcatccagc
BazR515A (rc)	gctggcatgcctgccaagattgcc
BazK449A (f)	ccaaattatgctcaaggcaggaccaacg
BazK449A (rc)	cgttgggtcctgccttgagcataattgg
BazR441A (f)	cgtaaactgggcgcgaaaatcc
BazR441A (rc)	ggattttcgcgccagttfacg
BazR529A (f)	gtggtctccgccagcaggag
BazR529A (rc)	ctctgctgggcggagaccac

PDZ3 3A mutations

BazR686A (f)	cccgcgatggtgccttgcggatgaatgac
BazR686A (rc)	gatcattcatccgcaaggcaccatcgcggg
BazR688A (f)	cccgcgatggtgccttggccatgaatgac
BazR688A (rc)	gatcattcatggccaagcaccatcgcggg
BazR734A (f)	cctgctgtaggcgcgaagatcttgcg
BazR734A (rc)	cgcaagatcttcgcgcctaccagcagg