

**Supplemental data table 11S: Chemically synthesised peptides for PtpB specificity assay**

The table lists the phosphorylated peptides used for *in vitro* investigation of substrate specificity of PtpB. Sequences of arginine phosphorylated peptides were derived from naturally occurring putative phosphorylated peptides which were successfully identified from biological samples before.

sequence with arginine phosphorylation	sequence with ser/thr phosphorylation	protein	gene name
EDDIPSFIR(ph)NR	EDDIPS(ph)FIRNR	Q5HGP5	<i>ftsZ</i>
FYNLSEIAR(ph)QDK	FYNLS(ph)EIARQDK	Q5HEN0	<i>ftnA</i>
LQYVGTNR(ph)TNK	LQYVGT(ph)NRTNK	Q5HGP8	<i>murD</i>