

Supplemental data table 4S: Chemically synthesised arginine phosphorylated peptides

The table lists all arginine phosphorylated peptides that have been synthesised chemically. Sequences are derived from naturally occurring putative phosphorylated peptides which were successfully identified from biological samples before.

modified sequence	protein	gene name	phosphosite position
AELPQSR(ph)INER	Q5HJZ0	<i>gyrA</i>	R8
AFAHYR(ph)W	Q5HIC9	<i>rpsG</i>	R155
AQGR(ph)ASAINK	Q5HDW3	<i>rpIV</i>	R92
EDDIPSFIR(ph)NR	Q5HGP5	<i>ftsZ</i>	R378
ELNR(ph)LLGK	Q5HHY2	SACOL0746	R132
FR(ph)QGLGR	Q5HFW8	<i>dinG</i>	R836
FSR(ph)QSGGR	Q5HIC8	<i>fusA</i>	R498
FYNLSEIAR(ph)QDK	Q5HEN0	<i>ftnA</i>	R109
GLDINQISLEER(ph)MQER	Q5HIF5	<i>pdxS</i>	R289
GR(ph)NVVLDK	Q5HEH2	<i>groEL</i>	R35
GSNDR(ph)YFQEDK	Q5HIQ7	<i>guaB</i>	R403
GYLER(ph)DKEDEPLNR	Q5HDQ7	SACOL2293	R267
HEASIIQQR(ph)QESK	Q5HGG2	<i>infB</i>	R484
HFR(ph)TGSEGAPEIK	Q5HF29	SACOL1795	R127
LAR(ph)GINNR	Q5HHG4	SACOL0922	R278
IER(ph)GYLER	Q5HDQ7	SACOL2293	R262
LGR(ph)TSDQR	Q5HDY5	<i>rpIQ</i>	R8
LQYVGTNR(ph)TNK	Q5HGP8	<i>murD</i>	R319
IR(ph)MNYIR	Q5HDY0	<i>infA</i>	R41
MNTLIER(ph)NTTIPTSK	Q5HFI0	<i>dnaK</i>	R384
MNYIR(ph)ILPGDK	Q5HDY0	<i>infA</i>	R46
MR(ph)GGGNMQQMMK	Q5HIJ8	SACOL0521	R2
MR(ph)QTFMANESNIER	Q5HDZ0	<i>rpIM</i>	R2
QINVPGFR(ph)K	Q5HF97	<i>tig</i>	R45
R(ph)DPDFDQFPK	Q5HH38	<i>menB</i>	R262
R(ph)EGRPGDDATLTAR	Q5HGF7	<i>pnp</i>	R80
R(ph)FYNLSEIAR	Q5HEN0	<i>ftnA</i>	R100
R(ph)GFTNINR	Q5HDX7	<i>rpIO</i>	R64

modified sequence	protein	gene name	phosphosite position
R(ph)GGGGYIR	Q5HIF2	<i>ctsR</i>	R62
R(ph)NPIGSENITGISR	Q5HEL4	<i>purB</i>	R269
R(ph)QELAQTFK	Q5HFD3	<i>aspS</i>	R137
REGR(ph)PGDDATITAR	Q5HGF7	<i>pnp</i>	R83
SEVDQR(ph)EVFIHITDK	Q5HHY2		R92
SISLNR(ph)QGR	Q5HGZ1	<i>pdhA</i>	R70
TLGR(ph)FQLTDIPPAER	Q5HF10	<i>dnaK</i>	R426
VLDMNR(ph)ALR	Q5HF42	<i>fts</i>	R172
VQDR(ph)QDSNEILK	Q5HJ86	<i>essC</i>	R842
WAFR(ph)SITEDK	Q5HD12		R555
YLQDHQVPIR(ph)EFNSYGSR	Q5HG69	<i>acnA</i>	R710