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## Characterization of the ROK-family transcriptional regulator RokA of *Streptococcus pneumoniae* D39

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**Table S1.** List of primers used in this study

Restriction sites are underlined.

Name	Nucleotide sequence (5' to 3')	Restriction site
PSPD0424-F	CATGGAATTCGTTGCTGGATTTTCGATATAG	<i>EcoRI</i>
PSPD0424-R	CATGGGATCCGACTTTTGTCTTCTAAAAACGC	<i>BamHI</i>
PSPD0426-F	CATGGAATTCGGATGTTTATCGTGTAATTG	<i>EcoRI</i>
PSPD0426-R	CATGGGATCCGACAATTGTAAAACCAAG	<i>BamHI</i>
PSPD0424-F1	CATGGAATTC AAGGCTGATTGTTTTGTAATC	<i>EcoRI</i>
PSPD0424-R1	CATGGGATCC TTCATCACC GGAACTCC	<i>BamHI</i>
PSPD0424-F2	CATGGAATTC TTAACATAAGAAAAATC	<i>EcoRI</i>
PSPD0424-R2	CATGGGATCC AATATACCACTAACAGAAAG	<i>BamHI</i>
PSPD1830-F	CGGGATCC CCGCTAG AAGCTGCTCC CACC	<i>EcoRI</i>
PSPD1830-R	CGGAATTC CTTTT CACGAATCTCATTGT	<i>BamHI</i>
SPD0423-1	GAAGACTAGGAATGCCAAAACACTGAC	–
SPD0423-2	GCATGCGGCCGCCCTTAATATATTAGAAATCTATAGACCTG	<i>NotI</i>
SPD0423-3	TGCTAGGCGCGCCTGTAATCATTGTTTCTCC	<i>AscI</i>
SPD0423-4	CAACTCCTGCCGCTTCAAGACCT	–
Spec-F	GCATAGGCGCGCCCTAATCAAATAGTGAGGAGGATAT	<i>AscI</i>
Spec-R	CGATTGCGGCCGCACTAAACGAAATAAACGCTAAAACG	<i>NotI</i>
SPD0423-nco	CGATCCATGGTAAAGGAGGAAACAAATGATTAC	<i>NcoI</i>
SPD0423- Cstrep-hin	GATCAAGCTTATTTTTCAAATTGTGGATGGCTCCAAGCGCTA GGTCAAATAATATCTTG	<i>HindIII</i>

**Table S2.** List of ROK family proteins present in the genome of *S. pneumoniae* D39 wild-type

D39 locus tag	TIGR4 locus tag	TIGR4 locus tag	Description	Residues (aa)
<i>SPD0423</i>	<i>SP0473</i>	<i>spr0420</i>	ROK family protein (RokA)	407
<i>SPD0580</i>	<i>SP0668</i>	<i>spr0584</i>	ROK family protein (RokB)	319
<i>SPD1488</i>	<i>SP1675</i>	<i>spr1519</i>	ROK family protein (RokC)	294
<i>SPD1970</i>	<i>SP2142</i>	<i>spr1950</i>	ROK family protein (RokD)	289