

Strain or plasmid	Genotype or feature	Reference or source
<b><i>R. parkeri</i> strains</b>		
<i>R. parkeri</i> str. Portsmouth	Parental <i>R. parkeri</i> strain	Chris Paddock
WT	pRAM18dSGA[MCS]	This study
MetRS*	pRL0128	This study
GSK-BFP	pRL0284	Sanderlin <i>et al.</i> (2022)
GSK-RARP-2	pRL0285	Sanderlin <i>et al.</i> (2022)
GSK-SrfA	pRL0368	This study
GSK-SrfB	pRL0369	This study
GSK-SrfC	pRL0370	This study
GSK-SrfD	pRL0371	This study
GSK-SrfE	pRL0372	This study
GSK-SrfF	pRL0373	This study
GSK-SrfG	pRL0374	This study
<b>Plasmids</b>		
pRAM18dSGA[MCS]	<i>Rickettsia</i> shuttle vector	Ulrike Munderloh
pRL0128	MetRS*	This study
pRL0284	GSK-tagged TagBFP	Sanderlin <i>et al.</i> (2022)
pRL0285	GSK-tagged RARP-2	Sanderlin <i>et al.</i> (2022)
pRL0368	GSK-tagged SrfA	This study
pRL0369	GSK-tagged SrfB	This study
pRL0370	GSK-tagged SrfC	This study
pRL0371	GSK-tagged SrfD	This study
pRL0372	GSK-tagged SrfE	This study
pRL0373	GSK-tagged SrfF	This study
pRL0374	GSK-tagged SrfG	This study
pRL0375	GST-tagged SrfC	This study
pRL0376	GST-tagged SrfD( $\Delta$ 766-957)	This study
pRL0377	GST-tagged SrfF	This study
pRL0378	6xHis-SUMO-TwinStrep-tagged SrfD( $\Delta$ 766-957)	This study
pRL0379	6xHis-SUMO-TwinStrep-tagged SrfF	This study
pRL0381	empty vector control	This study
pRL0382	3xFLAG-tagged SrfA	This study
pRL0383	3xFLAG-tagged SrfB	This study
pRL0384	3xFLAG-tagged SrfC	This study
pRL0385	3xFLAG-tagged SrfD	This study
pRL0386	3xFLAG-tagged SrfE	This study
pRL0387	3xFLAG-tagged SrfF	This study
pRL0388	3xFLAG-tagged SrfG	This study
FCW2IB-BiP-mNeonGreen-KDEL	BiP(1-18)-mNeonGreen-KDEL	Acevedo-Sánchez <i>et al.</i> (2023)
pRL0389	<i>Gaussia</i> -Dura luciferase	This study
pRL0390	3xFLAG-tagged SrfD $\Delta$ PPR1	This study
pRL0391	3xFLAG-tagged SrfD $\Delta$ CC1	This study
pRL0392	3xFLAG-tagged SrfD $\Delta$ PPR2	This study
pRL0393	3xFLAG-tagged SrfD $\Delta$ TM	This study
pRL0394	3xFLAG-tagged SrfD $\Delta$ CC2	This study

**Supplementary Table 1. Strains and plasmids used in this study.**