Supplementary Table 2. Plasmids used in the study

Plasmid	Description	Reference or source
LITMUS 28	Cloning vector.	New England Biolabs
pJT19*bla*	Expression vector	(Winther-Larsen et al. 2000)
pTA3	Derivate of pLITMUS28 with an *Xba*I-*NcoI* fragment from pJT19bla.	This study
pTA3S	Derivate of pTA3 with new *Sac*I site upstream of *xyl*S generated with the primers SacI-F and SacI-R.	This study
pTA2	Derivate of pLitmus28 with *NcoI* and *Xho*I fragment from pJT19bla.	This study
pTA2A	Derivate of pTA2 with new *Age*I site downstream of *xyl*S generated with the primers *Age*I-F and *Age*I-R.	This study
pTA30	Derivate of pJT19bla with an *Xba*I-*NcoI* fragment from pTA3S and an *NcoI*-*Xho*I fragment from pTA2A.	This study.
pTA4	Derivate of pLitmus28 with an *Age*I-*Sac*I fragment from pTA30.	This study
pTA5	Derivate of pTA4 but with a *NcoI* site, internal to *xylS*, removed with the primers F-*NcoI* rem and R-*NcoI* rem.	This study
pTA6	Derivate of pTA5 with a new *NcoI* site at *xyl*S start-ATG created with the primers F-*NcoI* + and R-*NcoI* +, and a new *Avr*II site immediately downstream of *xyl*S created with the primers F-AvrII + and R-AvrII +.	This study
pTA13	Derivate of pTA30 with an *Age*I-*Sac*I-fragment from pTA6.	This study.
pJBphOx	Expression vector for scFv-phOx production.	(Sletta et al. 2004)
pJBphOx:*xylS*-StEP13	Derivate of pJBphOx cop271 with *xyl*S-SteEP13 replacing *xylS*.	This study.