**Data S2.**

Alignment of the NopP1, NopP2, and NopP peptide fragments previously detected in the extracellular proteins of *B. elkanii* USDA61. The conserved residues among NopP peptide fragments (designated F1 to F3) and USDA61-type NopP2, and *B. diazoefficiens* USDA110-type NopP (accession number BAC47017) are highlighted in black. The residues of USDA61-type NopP1 differing from others are highlighted in grey.

NopP1\_BeUSDA61 MYGRIGGYYEAVTWASHDEHADDRDFEGRFANMHLSAAEPTSSSAAPTYSLVTKPPIEPI 60

**NopP2\_BeUSDA61** MYGRIVGSSSPSTGASQADEAGEAGDSSHFTEMVA--GVGSSGASPARYSLESNPPISEI 58

BAC47017/Blr1752\_BdUSDA110 ----------------------------------M--EPGGSSSETRAYYLNSGPPIVEI 24

NopP\_F1\_BeUSDA61 ------------------------------------------------------------ 0

NopP\_F2\_BeUSDA61 ------------------------------------------------------------ 0

NopP\_F3\_BeUSDA61 ------------------------------------------------------------ 0

NopP1\_BeUSDA61 DKDTFRREAKIFQNDHEIMRIAENPREYSRFVSTRAKNVREAAEDYGSTR--DSEEARYY 118

**NopP2\_BeUSDA61** DRSSFNDGLWRFL-GSDIQSIASSREEYSDFVSKKAERAATVAGSYLHTYDDLSRPAKFF 117

BAC47017/Blr1752\_BdUSDA110 DQLSFDRGLQRFL-GRDIMNIAINPQEYSDFVSKKAERAATVAGSYSATHYDPARPVRFF 83

NopP\_F1\_BeUSDA61 ------------------------------------------------------------ 0

NopP\_F2\_BeUSDA61 ------------------------------------------------------------ 0

NopP\_F3\_BeUSDA61 ------------------------------------------------------------ 0

NopP1\_BeUSDA61 SYNLGNKTVALLRTEGGYSMNEFHDDRWRELFPGR**EHITSVVDLQ**LAHPLVENAGDILLE 178

**NopP2\_BeUSDA61** SYKLGDETVGLLRVGGPVRIK---GDAFRNQ-FGR**NDLTSVVDLR**VTHPLVENAGDILLE 173

BAC47017/Blr1752\_BdUSDA110 SYQLGDETVGLLRAGGPVRIK---GETFREK-FGR**NDLTSVVDLR**VTHPLVENAGDILLE 139

NopP\_F1\_BeUSDA61 -----------------------------------**NDLTSVVDLR**--------------- 10

NopP\_F2\_BeUSDA61 ------------------------------------------------------------ 0

NopP\_F3\_BeUSDA61 ------------------------------------------------------------ 0

NopP1\_BeUSDA61 YQLRRDAREGEQPLLKWYPLNEESKAR**AAKLGFVEVDDCNMVLDPTQHPDKWTT**NSAGEW 238

**NopP2\_BeUSDA61** HQLRIDARNGAEPLILSKPALGGMEPR**LAEMGFVHVGRNHWVLDPHQHPEVWTK**NENDEW 233

BAC47017/Blr1752\_BdUSDA110 YQLRE---DGDDPLILSKPGLPGMEPR**LAEMGFVHVGRNHWVLDPHQHPEVWTK**NENDQW 196

NopP\_F1\_BeUSDA61 ------------------------------------------------------------ 10

NopP\_F2\_BeUSDA61 ---------------------------**LAEMGFVHVGR**---------------------- 11

NopP\_F3\_BeUSDA61 --------------------------------------**NHWVLDPHQHPEVWTK**------ 16

NopP1\_BeUSDA61 QRANKPERYLAKVDDGERRNTHVASSG---------YAYEDDFM------ 273

**NopP2\_BeUSDA61** QRVGKPTKYLAKAGDGDSATQAPRQFDSSDEDDSTEYYYLERALAGLHTE 283

BAC47017/Blr1752\_BdUSDA110 QRVGKPTKYLSKVEDDDAAAESTVQADYSDEDDPS--VYLERVLTGLSME 244

NopP\_F1\_BeUSDA61 -------------------------------------------------- 10

NopP\_F2\_BeUSDA61 -------------------------------------------------- 11

NopP\_F3\_BeUSDA61 -------------------------------------------------- 16