

**Table S3.** Identity values of bacterial dipeptide permeases calculated by Clustal Omega.<sup>a</sup>

		A	B	C	D	E	F	G	H	I
<b>A</b>	TppB <i>Escherichia coli</i> (AAC74706)	<b>100</b>	14	17	19	17	19	15	18	18
<b>B</b>	NikB <i>Escherichia coli</i> (AAC76502)	14	<b>100</b>	38	39	40	37	36	39	37
<b>C</b>	AccD <i>Agrobacterium tumefaciens</i> (YP_001967616)	17	38	<b>100</b>	38	41	34	37	39	36
<b>D</b>	DdpB <i>Escherichia coli</i> (AAC74559)	19	39	38	<b>100</b>	44	46	42	45	44
<b>E</b>	GsiC <i>Escherichia coli</i> (AAC73918)	17	40	41	44	<b>100</b>	41	45	43	46
<b>F</b>	DppB <i>Haemophilus influenzae</i> (P45096)	19	37	34	46	41	<b>100</b>	<b>61</b>	<b>64</b>	<b>61</b>
<b>G</b>	DppB <i>Escherichia coli</i> (AAC76568)	15	36	37	42	45	<b>61</b>	<b>100</b>	<b>66</b>	<b>66</b>
<b>H</b>	DppB <i>Burkholderia pseudomallei</i> (YP_106877)	18	39	39	45	43	<b>64</b>	<b>66</b>	<b>100</b>	<b>74</b>
<b>I</b>	DppB <i>Pseudomonas aeruginosa</i> (ABJ13770)	18	37	36	44	46	<b>61</b>	<b>66</b>	<b>74</b>	<b>100</b>

<sup>a</sup> Bold face numbers indicate an identity of more than 60%.