

***Bacillus subtilis* Fur represses one of two paralogous haem-degrading monooxygenases**

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**SUPPLEMENTARY FIGURE**

Supplementary Fig. S1

Percentage identity

	HmoA <i>B. subtilis</i>	HmoB <i>B. subtilis</i>	ISDG <i>S. aureus</i>	ISDI <i>S. aureus</i>	BA2987 <i>B. anthracis</i>	IsdG <i>B. anthracis</i>	YetG <i>B. amyloliquefaciens</i>	Bcer98_2029 <i>B. cereus</i>	BBR47_55400 <i>B. brevis</i>	Bsph_4360 <i>Lysinibacillus sphaericus</i>	IsdG <i>Lysinibacillus sphaericus</i>	ABC1946 <i>B. clausii</i>	IsdG <i>B. clausii</i>	BH3883 <i>B. halodurans</i>	IsdG <i>B. halodurans</i>
HmoA <i>B. subtilis</i>		25.5	33.3	33.6	57.8	33.9	77.9	57.8	43.4	54.4	30.2	48.3	33.9	51.8	33.1
HmoB <i>B. subtilis</i>	42.2		26.1	26.7	23.5	25	23.8	24.6	25.9	23.2	25.3	25.6	25.7	24.4	25.1
ISDG <i>S. aureus</i>	61.1	41.6		64.2	32.3	37.4	32.1	31	30.7	27.8	32.5	30.3	33.9	30.4	35.4
ISDI <i>S. aureus</i>	60.2	41.6	80.6		30.7	34.7	31.4	32.3	27.6	28.3	30.1	30	33.3	29.8	33.1
BA2987 <i>B. anthracis</i>	81.5	43.4	64.8	59.3		33.6	53.9	85.2	50	57	32.5	52.6	35.2	54.4	31.8
IsdG <i>B. anthracis</i>	58.3	38	59.8	55.6	57.4		33.9	33.6	29.7	28.7	36.4	30.2	58.8	31.9	65.8
YetG <i>B. amyloliquefaciens</i>	87.6	42.8	61.1	56.6	77	55.8		54.8	41.3	52.1	27.6	45.1	35.2	53	32.1
Bcer98_2029 <i>B. cereus</i>	81.5	41.6	63.9	62	99.1	57.4	77.9		53.1	56	29.5	50.8	39.7	58.2	32.3
BBR47_55400 <i>Brevibacillus brevis</i>	71.3	42.8	59.8	55.6	71.3	53.3	69	71.3		44	30.8	47.5	34.1	51.8	31
Bsph_4360 <i>Lysinibacillus sphaericus</i>	75.9	42.8	63.6	60.2	73.1	56.1	74.3	75	72		31.3	49.2	30.7	56.9	28.1
IsdG <i>Lysinibacillus sphaericus</i>	55	40.4	58.6	58.6	53.2	56.8	56.6	55	55.9	53.2		30.2	30.5	29.6	33.8
ABC1946 <i>B. clausii</i>	76.1	45.2	58.4	54.9	75.2	56.6	77	77	69.9	72.6	51.3		32.8	63.7	28
IsdG <i>B. clausii</i>	60.2	42.8	60.7	60.2	63	75.7	59.3	62	61.7	57.9	56.8	60.2		39.5	55.7
BH3883 <i>B. halodurans</i>	75.9	43.4	58.9	56.5	73.1	57	73.5	74.1	72	76.9	52.3	77.9	62.6		29.2
IsdG <i>B. halodurans</i>	57.8	39.8	55.2	58.6	58.6	81	56.9	62.1	54.3	57.8	54.3	58.6	71.6	56.9	

Percentage similarity