## Log<sub>2</sub> normalized probes [Bacterial motility & Cytoskeleton proteins; n = 52]

	DDa	ll a	I Da	DD <sub>6</sub>	ll c	I De	
K02411 fliH; flagellar assembly protein FliH	DD3				6		SAR116_0830 hypothetical protein
K02412 flil; flagellum–specific ATP synthase [EC:7.4.2.8]	_						SAR116_0829 ATPase
K02419 fliP; flagellar biosynthesis protein FliP							SAR116_0822 flagellar biosynthetic protein FliP
K02420 fliQ; flagellar biosynthesis protein FliQ							SAR116_0821 flagellar biosynthetic protein FliQ
K02421 fliR; flagellar biosynthesis protein FliR							SAR116_0820 flagellar biosynthetic protein FliR
K02400 flhA; flagellar biosynthesis protein FlhA							SAR116_0862 flagellar biosynthesis protein FlhA
K02401 flhB; flagellar biosynthesis protein FlhB							- SAR116_0819 Flagellar protein FlhB
K02410 fliG; flagellar motor switch protein FliG							SAR116_0831 flagellar motor switch protein FliG
K02416 fliM; flagellar motor switch protein FliM							SAR116_0825 surface presentation of antigens (SPOA) protein
K02417 fliN; flagellar motor switch protein FliN	_						SAR116_0824 flagellar motor switch protein FliN
K02409 fliF; flagellar M–ring protein FliF							SAR116_0832 flagellar M–ring protein FliF
K02394 flgl; flagellar P-ring protein Flgl							SAR116_0845 flagellar P-ring protein
K02386 flgA; flagellar basal body P-ring formation protein FlgA							SAR116_0858 SAF domain protein
K02393 flgH; flagellar L-ring protein FlgH							SAR116_0846 flagellar L–ring protein
K02415 fliL; flagellar protein FliL							SAR116_0826 flagellar basal body-associated protein FliL
K02408 fliE; flagellar hook-basal body complex protein FliE							SAR116_0833 flagellar hook-basal body complex subunit FliE
K02414 fliK; flagellar hook-length control protein FliK							SAR116_0827 flagellar hook–length control protein
K02387 flgB; flagellar basal-body rod protein FlgB							SAR116_0852 flagellar basal–body rod protein FlgB
K02388 flgC; flagellar basal-body rod protein FlgC							SAR116_0851 flagellar basal–body rod protein FlgC
K02389 flgD; flagellar basal-body rod modification protein FlgD	-						SAR116_0850 flagellar hook capping protein
K02391 flgF; flagellar basal-body rod protein FlgF	_						SAR116_0848 flagellar proximal rod protein FlgF
K02392 flgG; flagellar basal-body rod protein FlgG	-						SAR116_0847 flagellar basal–body rod protein FlgG
K02392 flgG; flagellar basal-body rod protein FlgG							SAR116_0867 Flagellar hook protein
K02395 flgJ; peptidoglycan hydrolase FlgJ							SAR116_0844 Rod binding-like protein
e K02390 flgE; flagellar hook protein FlgE							SAR116_0849 hypothetical protein
K02396 flgK; flagellar hook-associated protein 1							SAR116_0843 FlgK flagellar hook–associated protein 1
K02397 flgL; flagellar hook-associated protein 3 FlgL							SAR116_0842 Flagellin
K09860 flgP; outer membrane protein FlgP							SAR116_0861 protein of unknown function DUF400
K02406 fliC; flagellin							SAR116_0841 flagellin FliC
K02407 fliD; flagellar hook-associated protein 2							SAR116_0839 flagellar hook–associated 2 domain protein
K02422 fliS; flagellar secretion chaperone FliS							SAR116_0837 Flagellin–specific chaperone FliS–like protein
K02405 fliA; RNA polymerase sigma factor FliA							SAR116_0865 RNA polymerase sigma factor FliA
K02556 motA; chemotaxis protein MotA							SAR116_0813 MotA/TolQ/ExbB proton channel
K02557 motB; chemotaxis protein MotB							SAR116_2281 flagellar motor protein
K02557 motB; chemotaxis protein MotB							SAR116_0814 flagellar MotB protein
K02557 motB; chemotaxis protein MotB							SAR116_0179 OmpA/MotB domain protein
K10941 flrA; sigma-54 dependent transcriptional regulator, flagellar regulatory protein							SAR116_0835 sigma54 specific transcriptional regulator
K10943 flrC; two-component system, response regulator FlrC							SAR116_0834 sigma-54 factor
K02398 flgM; negative regulator of flagellin synthesis FlgM							SAR116_0857 putative anti-sigma-28 factor
K04562 flhG; flagellar biosynthesis protein FlhG							SAR116_0864 ATPase
K02669 pilT; twitching motility protein PilT							SAR116_2526 Type II Secretion PilT
K02650 pilA; type IV pilus assembly protein PilA	_						SAR116_2527 Fimbrial protein pilin
K02652 pilB; type IV pilus assembly protein PilB	_						SAR116_2518 Type II Secretion System PilB
K02653 pilC; type IV pilus assembly protein PilC							SAR116_2517 Type II Secretion System PilC
K02654 pilD; leader peptidase (prepilin peptidase) / N-methyltransferase [EC:3.4.23.43 2.1.1]							SAR116_2524 prepilin peptidase
K02662 pilM; type IV pilus assembly protein PilM							SAR116_2521 Type II Secretion
K03569 mreB; rod shape-determining protein MreB and related proteins							SAR116_0710 Cell shape determining protein MreB/Mrl
K03531 ftsZ; cell division protein FtsZ							- SAR116_2328 cell division protein FtsZ
K03590 ftsA; cell division protein FtsA	-						- SAR116_2329 Cell division protein FtsA
K03496 parA; chromosome partitioning protein							SAR116_2537 Cobyrinic acid a,c–diamide synthase
K03496 parA; chromosome partitioning protein							SAR116_1648 chromosome partitioning protein ParA

SAR116\_1649 parB-like partition protein

K03497 parB; ParB family transcriptional regulator, chromosome partitioning protein

Log<sub>2</sub> probe abundance

-20 -15 -10 -5