

Group	Code	Protein
PC1+ Baka/Nzime/HMP/JAE	1	Type IV fimbrial biogenesis protein PilW
	2	Type IV secretion system protein VirD4
	3	Type IV fimbrial biogenesis protein PilX
	4	Type IV pilus biogenesis protein PilO
	5	Sialic acid biosynthesis protein NeuD, O-acetyltransferase
	6	UDP-glucose:(glucosyl)lipopolysaccharide alpha-1,2-glucosyltransferase (EC 2.4.1.58)
	7	Type IV pilus biogenesis protein PilP
	8	Outer membrane component of tripartite multidrug resistance system
	9	Legionaminic acid cytidyltransferase (EC 2.7.7.43)
	10	putative ATP-dependent DNA helicase YjcD

Group	Code	Protein
PC1- Baka/Nzime/HMP/JAE	-1	Ribonuclease HI (EC 3.1.26.4)
	-2	Methylmalonate-semialdehyde dehydrogenase [inositol] (EC 1.2.1.27)
	-3	Copper chaperone
	-4	Streptothricin acetyltransferase, Streptomyces lavendulae type
	-5	Major myo-inositol transporter IolT
	-6	Epi-inositol hydrolase (EC 3.7.1.-)
	-7	Acting phosphoribosylanthranilate isomerase (EC 5.3.1.24)
	-8	Biosynthetic Aromatic amino acid aminotransferase beta (EC 2.6.1.57)
	-9	Excinuclease ABC subunit A paralog of unknown function
	-10	NAD-dependent malic enzyme (EC 1.1.1.38)

Group	Code	Protein
PC1+ Baka/Nzime	1	ATP-dependent protease LonB-like Type I
	2	Colicin I receptor precursor
	3	Predicted cell-wall-anchored protein SasA (LPXTG motif)
	4	Adenylylsulfate reductase alpha-subunit (EC 1.8.99.2)
	5	rubredoxin-oxygen oxidoreductase
	6	Cell envelope-associated transcriptional attenuator LytR-CpsA-Psr, subfamily M (as in PMID19099556)
	7	(S)-2-hydroxy-acid oxidase (EC 1.1.3.15)
	8	PTS system, trehalose-specific IIB component (EC 2.7.1.69)
	9	Outer surface protein of unknown function, cellobiose operon
	10	Endo-1,4-beta-xylanase A precursor (EC 3.2.1.8)

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