

PC2 negative loadings – no modern humans			PC2 positive loadings – no modern humans		
-1	K03169	DNA topoisomerase III [EC:5.6.2.1] carbamoyl-phosphate synthase large subunit [EC:6.3.5.5]	1	K03574	8-oxo-dGTP diphosphatase [EC:3.6.1.55] probable phosphoglycerate mutase [EC:5.4.2.12]
-2	K01955	rod shape-determining protein MreB and related proteins	2	K15634	multiple sugar transport system substrate-binding protein
-3	K03569	malate dehydrogenase (oxaloacetate-decarboxylating) [EC:1.1.1.38]	3	K02027	protein-tyrosine phosphatase [EC:3.1.3.48]
-4	K00027	DNA-directed RNA polymerase subunit beta [EC:2.7.7.6] (rpoB)	4	K01104	uncharacterized protein
-5	K03043	iron(III) transport system substrate-binding protein	5	K07052	transcriptional regulator of arginine metabolism
-6	K02012	DNA-directed RNA polymerase subunit beta' [EC:2.7.7.6] (rpoC)	6	K03402	multiple sugar transport system permease protein
-7	K03046	phosphoenolpyruvate carboxykinase (ATP) [EC:4.1.1.49]	7	K02026	glycerol uptake facilitator protein
-8	K01610	lactoylglutathione lyase [EC:4.4.1.5]	8	K02440	phosphoribosyl-AMP cyclohydrolase [EC:3.5.4.19]
-9	K01759	transketolase [EC:2.2.1.1]	9	K01496	ABC-2 type transport system ATP-binding protein
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10	K00615		10	K01990	