| PC2 negative loadings – no modern humans | | PC2 positive loadings – no modern humans | |
|---|---|---|---|
| -1 | Putative mobilization protein BF0133 | 1 | **Pyruvate-utilizing enzyme, similar to phosphoenolpyruvate synthase** |
| -2 | Conjugative transposon protein TraG | 2 | **Serine endopeptidase ScpC (EC 3.4.21.-)** |
| -3 | **Na(+)-translocating NADH-quinone reductase subunit F (EC 1.6.5.-)** | 3 | **Pullulanase (EC 3.2.1.41)** |
| -4 | **Acriflavin resistance protein** | 4 | **Choline binding protein A** |
| -5 | **Ribonucleotide reductase of class Ia (aerobic), alpha subunit (EC 1.17.4.1)** | 5 | **Sialidase (EC 3.2.1.18)** |
| -6 | Ferric iron ABC transporter, permease protein | 6 | **FtsK/SpoIIIE family protein, putative EssC component of Type VII secretion system** |
| -7 | **GTP pyrophosphokinase (EC 2.7.6.5), (p)ppGpp synthetase II** | 7 | Glutathione biosynthesis bifunctional protein gshF (EC 6.3.2.2)(EC 6.3.2.3) |
| -8 | **3-oxoacyl-[acyl-carrier-protein] synthase, KASI (EC 2.3.1.41)** | 8 | **ATP-dependent nuclease, subunit B** |
| -9 | Phosphoenolpyruvate carboxykinase [ATP] (EC 4.1.1.49) | 9 | Maltodextrin phosphorylase (EC 2.4.1.1) |
| -10 | Lipid-A-disaccharide synthase (EC 2.4.1.182) | 10 | **Alpha-galactosidase (EC 3.2.1.22)** |