Table S11: Locus tags of enzymes involved in glycolysis and pentose phosphate pathway

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Product | EC number | *S. parasanguinis* | *S. equinus* | *S. salivarius* group | | | |
| 1 | 2 | 3 | 4 |
| Glucokinasea | 2.7.1.2 | HSISM1\_1367 | HSISB1\_1465 | HSISS1\_1788 | HSISS2\_726 | HSISS3\_2176 | HSISS4\_887 |
| Glucose-6-phosphate isomerasea,b | 5.3.1.9 | HSISM1\_281 | HSISB1\_1539 | HSISS1\_311 | HSISS2\_516 | HSISS3\_1145 | HSISS4\_187 |
| 6-phosphofructokinase 1a | 2.7.1.11 | HSISM1\_1443 | HSISB1\_971 | HSISS1\_1897 | HSISS2\_1468 | HSISS3\_1331 | HSISS4\_762 |
| Fructose-bisphosphate aldolase class IIa | 4.1.2.13 | HSISM1\_392 | HSISB1\_443 | HSISS1\_140 | HSISS2\_1041 | HSISS3\_94 | HSISS4\_331 |
| glucose-6-phosphate 1-dehydrogenaseb | 1.1.1.49 | HSISM1\_1750 |  |  |  |  |  |
| 6-phosphogluconolactonaseb | 3.1.1.31 | HSISM1\_1690 |  |  |  |  |  |
| 6-phosphogluconate dehydrogenaseb | 1.1.1.44 | HSISM1\_1918 |  |  |  |  |  |
| ribulose-phosphate 3-epimeraseb | 5.1.3.1 | HSISM1\_47 | HSISB1\_1612  HSISB1\_1613 | HSISS1\_1603 | HSISS2\_2154 | HSISS3\_241 | HSISS4\_1953 |
| Xylulose-5-phosphate phosphoketolaseb | 4.1.2.9 | HSISM1\_2010 | HSISB1\_150  HSISB1\_151 |  |  |  |  |
| glyceraldehyde 3-phosphate dehydrogenasea,b | 1.2.1.12 | HSISM1\_37 | HSISB1\_1622 | HSISS1\_1595 | HSISS2\_2144 | HSISS3\_292 | HSISS4\_1945 |
| phosphoglycerate kinasea,b | 2.7.2.3 | HSISM1\_35 | HSISB1\_1623  HSISB1\_1624 | HSISS1\_1593 | HSISS2\_2143 | HSISS3\_293 | HSISS4\_1943 |
| glyceraldehyde-3-phosphate dehydrogenase (NADP) a,b | 1.2.1.9 |  | HSISB1\_1346 | HSISS1\_1810 | HSISS2\_696  HSISS2\_697 | HSISS3\_2201  HSISS3\_2202 | HSISS4\_861  HSISS4\_862 |
| 2,3-bisphosphoglycerate-dependent phosphoglycerate mutasea,b | 5.4.2.1 | HSISM1\_797 | HSISB1\_1415 | HSISS1\_1891 | HSISS2\_1477 | HSISS3\_1323 | HSISS4\_769 |
| enolasea,b | 4.2.1.11 | HSISM1\_1692 | HSISB1\_2143 | HSISS1\_1650 | HSISS2\_428 | HSISS3\_2044 | HSISS4\_1033 |
| pyruvate kinasea,b | 2.7.1.40 | HSISM1\_1444 | HSISB1\_970 | HSISS1\_1898 | HSISS2\_1467 | HSISS3\_1332 | HSISS4\_761 |
| Phosphate acetyltransferaseb | 2.3.1.8 | HSISM1\_1190 | HSISB1\_943 | HSISS1\_1241 | HSISS2\_1771 | HSISS3\_656 | HSISS4\_1592 |
| Acetaldehyde dehydrogenaseb | 1.2.1.10 | HSISM1\_707 | HSISB1\_260  HSISB1\_261  HSISB1\_262 | HSISS1\_130 | HSISS2\_1031  HSISS2\_1032 | HSISS3\_86  HSISS3\_87 | HSISS4\_323 |
| Alcohol dehydrogenaseb | 1.1.1.1 | HSISM1\_2035  HSISM1\_592  HSISM1\_593  HSISM1\_707 | HSISB1\_1673  HSISB1\_260  HSISB1\_261  HSISB1\_262 | HSISS1\_130  HSISS1\_756  HSISS1\_819  HSISS1\_820 | HSISS2\_1031  HSISS2\_1032  HSISS2\_1122  HSISS2\_1123  HSISS2\_848 | HSISS3\_1570  HSISS3\_1621  HSISS3\_86  HSISS3\_87 | HSISS4\_1123  HSISS4\_323  HSISS4\_478 |

a: Enzyme involved in glycolysis

b: Enzyme involved in pentose phosphate pathway