4

R HEX1 PGI R R **FBP** R FBA R GAPD R

TPI R PGK R **PGM** FNO R R LDH L R R

L LACt2r PYRt2m R PDHm R CSm R R R

ACONTm **ICDHvrm** AKGMALtm R CO2tm AKGDm R R R R **FUMm** R MDHm R R R **ASPTA** R MDH R

SUCOAS1m SUCD1m ASPTAm **ASPGLUm** AKGMALtm R r1109 ABTArm R