

A.

PGK1-Hs	LPSCISK SARQSAPSLTESPTSLPSCISKMSLSN	35
PGK1-rs1	MEIR*LQASQAHISSR*PYCLNHR*LS*****	35
PGAM1-Hs	VPHPQPAAMAAYK	13
PGAM1-rs6	MLS*K**T**T**	13

B.

Tpil-Mm	KAEQQGAGLTMAEGGEKEEFCFTAIYISGQWREPCVCTDLQRLEPGTMAPTRK	53
Tpil-rs5	M*HIHRHISHTHTHTHTHTHTHTL*LWKGHSLYCD*****LSA***S**	53
Eno1_Mm	RLSSVSTAPSFLALQRSYCQKFAMSILR	28
Eno1-rs5	M*****IE*****P*****D*****T*T*VN	28
Eno1-rs9	M**E*****PA***S**M*T*ATSF	24
Pkm2-Hs	EGGAAEGLRRPAAGGGSGSLHSSCTRRGSGSLRLCSVARVGQRRRTSAAMSKPH	54
Pkm2-Bt	GDPQSGXPXGXS*SPHWSRASRAPGPVC*SRASRAGPRRSSSGPK**E***H*	53
Pkm2-Ss		**E**P*A* 9
Pkm2-Mm	AAEGLRRPAAVITLRPSRR*PAQQLVFT*LTSA*GIA*GTEV*P***GT*P***	54
Pkm2-rs1	MPTRR*PAQQRPVLRQTSA*GIT*GTEV*L***GT*P***	41
Pkm2-rs2	MSA*GIT*GTKVHP***GTTP***	22
Pkm2-rs3	MSA*GIT*GTKVHP***GTTP***	22
Pkm2-rs4	MA*ECRVCL***ET*P***	15
Pkm2-rs8	MIEPFKEDINNPLKEKTGKRP-QQRCILTWQT*T*GIA*GTKVYP***GT*Q***	54