

Plin1_Dr1----MASEKKDTGEVLKDQNVFFRIILNIRSVNAALESIEKTYTSTKQSHPIISSVCGLYE

Plin2_Dr1-----MGSMEDVNNQNVVARIVHLPLVVSTYDMMSNVYVNTKNNHPYLKSVCEVAE

Plin3_Dr1MADNVKTAEKDKEDSQEQQSVISRVGNLPLVSSACGAVYNAYSSTKDSVPLLKGVMEEVAE

Plin6_Dr1-----MIKTRNSEGNVLNRVVKLPLVSSALQQASSVYTVVKGRYP LLG FVGGVAE

Plin1_Dr57KGVSRAGNLAVWSMKPALHVLQPOLVAANSMAACKGLDRLEEKVPALQSPPAELAA NIKG-

Plin2_Dr52NGVKSITSAAFHSALPIIGKLEPQISMANDLACKGLDKIEKTLPI LHKPSEQIMANAKDA

Plin3_Dr61SGVRTLGAAASTGSKPILDRLEPQIAAVNEYATKGLEKVEGNLPILQQPADKLVSDTVG-

Plin6_Dr51LSVRSASTAALQQAAPLLQNLQPEIEAVNTYAMVG LDQLEKYFPILQQPTDEVVANLKD-

Plin1_Dr116-----LMSSTLEAAKDGITCPTIKHSSNVVLDKVSSRYQQSKNTLSGGIQYIILNSKLVFL

Plin2_Dr112VTGAKEAVSGTVSGAKESVSITLNDVMDRTRGAVQGSVEKTKTVVSGGVQTVMDSRMLKL

Plin3_Dr120-----MVYQSVTGAKDAVV-----GAVMEGVEKTRMAVTGGINTVMGSRVGQM

Plin6_Dr110-----AFFSRLDDAQSRINDEL-----DRAVDRWDR LIDQMWRL LAEAQGS GPGR A

Plin1_Dr170AEQRASRALSLTENLIDCILP-GTSDKTENDRSTEEQQESYVGASD-----PMPIFSR

Plin2_Dr172VSSRVDNALSTSETLLEHYLPENEEKEGEERNTEGLENDSDLAN-----YYVR

Plin3_Dr163VSNGVDKALTHSEDWVEQNLPISEKELATLAEPRPGEEEGFIVST-----RSSYFVR

Plin6_Dr156ITAGLDELITQSEEAVAYYLPLPPTLRYEYERMVQSYEDEHLHND DEDDDDEEFP PMW MR

Plin1_Dr222LGALASTICRRAFEKTF AQLQLSTHQ-----GHTLVKRIPGLNPLVEFTMSTM----RT

Plin2_Dr221LGSLSIKVRDRTYQRAVEKVRHAVQR-----GQESISQLNHTMDIIEFTRKNI----DG

Plin3_Dr215LGKLSAKVRERALEQSLLRARKARDT-----THASVTQMTSTMDLLESARVTL----TS

Plin6_Dr216IRSL L ICLYFQLYR-LMKLRERVDN I LQMLGAA AETVGLKRLMEMVEMLLQ L LLSFYTA

Plin1_Dr272MGGI I KGF PSSMATY LKDGQ QHS---PLK-----EMAND--EHGQVKS NGL--V

Plin2_Dr271SNQKLQEKLGSLMG-WKSVSQSQ--ETE-----SETDS--EAEQIESRTL TIA

Plin3_Dr265ANQQLAGAPEQLLQRWKEWKEGQ--PKELQEKVTAETEA DGAKD--KEQEMESKALLMV

Plin6_Dr275RVH HVEELRSQ LVSRLTAGLQALT VWPPVQ QMLVLP TQVRALTNDLLELGQILIQ L LINT

Plin1_Dr314SGLGQRLLKVYGSVVANIKKTSRTSFNLAKDGVNIVLGSFGTVREKTLHKL-SYYGLIPR

Plin2_Dr314HSLSQQLQSTCVVLVSSLR-----GLPQH VQLQVGSVS-RSALEIYS

Plin3_Dr320RGLSDQLKTACSGVVSSVQ-----GLPGTVQEQLLNAR-RTAGELQA

Plin6_Dr335TPLYDLVKQVSD L DAANNPTPDEVPESPSGR-----ASANS L FLKAMDGRPRRRRSLYA

Plin1_Dr373RLSKTEGGSQPAEKDGAE ECLCGFLVLESNVGNIIHSRNDNSEKQPLKVTEP-MDISEET

Plin2_Dr355SLSKA-----AVLGDLSSTVLSSSRSQLSRITES-MD-----

Plin3_Dr361SLSGT-----KTLTPVLL LQTRQQIGQVRQS-LD-----

Plin6_Dr389RSRRGSSSGVPTSPVQSPTPTPSPVPANGRKGSLKTDNSVGPPELDTLAVPTTDMIRRR

Plin1_Dr432RQLKKKLMKQIPMQ-----HRVVLGGSNKKSP TTEPVGRRV-----

Plin2_Dr386-NVMDYLLNNTPLNWLVGPFYPRVERAVENEAKCSKQRTLQVTE----

Plin3_Dr389-GVVEYLLNNTPLNWLVGPFAPQITEKGE-----

Plin6_Dr449SSTTEVLLA--PIMQLV----TQSQRAFEYLS SSNEDQVLPVVETTEH