

Sequences of candidate genes identified

>g2175.t1

MSQIKTMANDKDSFLGKVAGFAAPNYRLSPNLEADAPTTDPAAASAKHPDHLQDVIYAIKHLYKQYDISQSMGYILV
GPSCGATLAFQVATYSLNRHQSVIPSLGVIGLNGVYDLAGWLRVASSSVYDDIVETAFGSDREIWEKASPMHQVQ
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NGHDEVWEKPEQMLACIAEAVKKVCGMD*

>g2176.t1

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QVATYSLNRHQSVIPSLGVIGLNGVYDLAGWLRVASSSVYDDIVETAFGSDREIWEKASPMHQVQSDWTVDHHT
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NGHDEVWEKPEQMLACIAEAVKKVCGMD*

>g3996.t1

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>g3997.t1

MYISWCFIAALLSSSALADCPNGPYSTNSECPGKCYGFQRCGDYNQVIRCETSVGGGTRWIGKQWCKHCKWGGC
DS*

>g7667.t1

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AQTMRM TALCKPLWQGP HLLNTSVFSARRIHPFGFGAPWSQEDADLSSAVVVSLSASSKTGRSFGWEMARNRDV
SKHGPRALIQMTSVPNTLSEYDSSLPMRAAAYDDTSAMAWAEHFKPSRVVIVDFGASDAVLESVRATASKLAPKVT
VVAVGYEAKVYTQEEIAARMATASTKVPVNTSGMRDRVIESQGALEFSKELDGTWNKCLKEEFSSLQVKVLKTVQ
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>g7667.t2

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SEHTVDLQLEAIEPSGHWLERSAQRSKLMTVYNSYEQVSESDAQTMRM TALCKPLWQGP HLLNTSVFSARRIHPF
FGFGAPWSQEDADLSSAVVVSLSASSKTGRSFGWEMARNRDVSKHGPRALIQMTSVPNTLSEYDSSLPMRAAAYD
DTSAMAWAEHFKPSRVVIVDFGASDAVLESVRATASKLAPKVTVVAVGYEAKVYTQEEIAARMATASTKVPVNTSG
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>g6735.t1

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>g6736.t1

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>g4475.t1

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>g4476.t1

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>g2059.t1

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>g2060.t1

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>g7536.t1

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MCRRKKQLLQL*

>g7537.t1

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RYVEVEI*

>g2330.t1

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>g2331.t1

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>g9057.t1

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>g9862.t1

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>g1425.t1

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PNRGALDAWAEAVGDESYSFDQFLPYFKKSFTFTPPNLETRLANATTAYVESDFTSSPSSIQVTYPNWTPVWSTWA
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>g1425.t2

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KDGRMYASILAALAPLSRGNISLASASPAVSPLINPNWLTHQGDVEVAVAMYKRTRDIFNTEVIRSIRANDGEYWP
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AEKIADAIKKLE

>g17.t1

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D*

>g17.t2

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PDLSACSDPRDAPGVVINRPELENFALAMVAGGKTSGAAHAFDFPWLELGEGIVVDVGGGVGGFPLQLLNVYPKL
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VRSMVGITEAGLNDASD*

>g4267.t1

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>g4267.t2

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KLIP

>g10344.t1

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>g8860.t1

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>g11687.t1

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>g7686.t1

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>g7177.t1

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>g2358.t1

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>g7059.t1

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>g6488.t1

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>g1086.t1

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>g1235.t1

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>g9190.t1

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>g1531.t1

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D*

>g680.t1

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AVLHSSKDES GKTMIYDYAQGFGRVNVSTSLKMVRQLSFVDGWKGNICESEHPHAQDAPMLRVTSEKDKTWQS
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>g1484.t1

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>g1379.t1

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>g3178.t1

MLCSEPPTVTCRERAIIE LLRISRGLHPPSGRPWSMYILNLYGDTHLDNFPTIVGLSSSIICVYLHVHVDPGQTGVTV
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>g9375.t1

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>g2003.t1

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GYFPIRR*

>g2436.t1

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>g9250.t1

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>g4790.t1

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>g6603.t1

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>g1058.t1

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>g2071.t1

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>g510.t1

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>g5523.t1

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>g3055.t1

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>g9068.t1

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>g662.t1

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>g11566.t1

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>g4043.t1

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>g3052.t1

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FFPT*

>g2691.t1

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>g2052.t1

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>g6450.t1

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>g6843.t1

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>g7513.t1

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>g9437.t1

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>g10964.t1

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PAYNNSTRHSEDYTAYRLGP GVV RGDDTRPRSELRLV LTEEQVRWQRATRPVVPLRETQAETTSALTSLGGQDTAEVT
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>g9873.t1

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>g11187.t1

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>g1480.t1

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QPRGSRGRGRGRVNSRGHWNNGRGRGS*

>g9871.t1

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>g12391.t1

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>g2853.t1

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>g9652.t1

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>g10490.t1

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>g4091.t1

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>g9878.t1

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>g7303.t1

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>g1481.t1

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>g10133.t1

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>g234.t1

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>g11011.t1

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>g2352.t1

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>g3108.t1

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>g3109.t1

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>g3140.t1

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>g3141.t1

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>g3146.t1

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>g3147.t1

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>g3543.t1

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>g3544.t1

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>g6150.t1

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>g6151.t1

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>g6251.t1

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>g6252.t1

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>g6508.t1

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>g6509.t1

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>g7994.t1

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>g7995.t1

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>g8019.t1

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>g8020.t1

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>g8071.t1

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>g8072.t1

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>g8174.t1

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>g8175.t1

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>g8515.t1

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>g8516.t1

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>g9210.t1

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>g9211.t1

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>g9257.t1

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>g9258.t1

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>g9293.t1

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>g9505.t1

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>g9506.t1

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>g9569.t1

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>g9570.t1

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>g9619.t1

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>g9620.t1

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>g9623.t1

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>g9624.t1

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>g9708.t1

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>g9709.t1

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>g9733.t1

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>g9734.t1

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>g9797.t1

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>g9798.t1

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>g9847.t1

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>g9848.t1

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>g10182.t1

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>g10183.t1

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>g10437.t1

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>g10438.t1

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>g10458.t1

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>g10459.t1

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>g10634.t1

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>g10635.t1

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>g10706.t1

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>g10707.t1

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>g10759.t1

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>g10760.t1

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>g10765.t1

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>g10766.t1

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>g10813.t1

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>g10814.t1

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>g10912.t1

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>g10913.t1

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>g11026.t1

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>g11027.t1

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>g11210.t1

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>g11211.t1

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>g11227.t1

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>g11228.t1

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>g11303.t1

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>g11304.t1

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>g11329.t1

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>g11330.t1

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>g11816.t1

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>g11817.t1

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>g11870.t1

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>g11871.t1

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>g11934.t1

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>g11935.t1

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>g12058.t1

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>g12059.t1

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>g12065.t1

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>g12066.t1

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>g12117.t1

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>g12118.t1

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>g12145.t1

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>g12146.t1

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>g12212.t1

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>g12213.t1

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>g12.t1

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>g13.t1

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>g25.t1

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>g26.t1

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>g124.t1

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CPEAGAPPEDIETMVTTWRSLEKLHAEGLVSKLGIAEFGVARLTKFLEQTKIKPSVNQINVRDCCVVPKPLILYAKQQQ
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*

>g125.t1

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>g286.t1

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*

>g287.t1

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>g310.t1

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>g311.t1

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>g704.t1

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>g705.t1

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>g722.t1

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RRGD*

>g723.t1

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>g732.t1

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>g733.t1

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>g777.t1

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>g778.t1

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>g831.t1

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>g832.t1

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>g1031.t1

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>g1032.t1

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>g1148.t1

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>g1149.t1

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>g1574.t1

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>g1575.t1

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>g1593.t1

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>g1594.t1

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>g1598.t1

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GVMLPMGGPKGSGGLAVMMDVFSGLVSGSAFAGDVTPYDPSRPSDVGHFLVAVKPDLFMSLDDFRERMQILYDR
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>g1599.t1

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>g1616.t1

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>g1617.t1

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*

>g1631.t1

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>g1632.t1

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>g1690.t1

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>g1691.t1

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>g1698.t1

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>g1699.t1

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>g1700.t1

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>g1701.t1

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>g1740.t1

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>g1741.t1

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>g1767.t1

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>g1768.t1

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>g1811.t1

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>g1812.t1

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>g1848.t1

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>g1849.t1

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>g2480.t1

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>g2481.t1

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>g2671.t1

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>g4436.t1

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>g4473.t1

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>g4474.t1

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>g4556.t1

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>g4557.t1

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>g4568.t1

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>g4569.t1

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>g4654.t1

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>g4655.t1

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>g4734.t1

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>g4735.t1

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>g5061.t1

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>g5062.t1

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>g5214.t1

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>g5215.t1

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>g5216.t1

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>g5217.t1

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>g5461.t1

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>g5462.t1

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>g5490.t1

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>g5491.t1

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>g5492.t1

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>g5493.t1

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>g5510.t1

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>g5511.t1

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>g6794.t1

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>g6795.t1

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>g6820.t1

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>g6821.t1

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>g6940.t1

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>g6941.t1

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>g6975.t1

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>g6976.t1

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>g7402.t1

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>g7403.t1

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>g7467.t1

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>g7468.t1

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>g7688.t1

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>g7689.t1

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>g7814.t1

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>g7815.t1

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>g7832.t1

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>g7833.t1

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>g8520.t1

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>g8521.t1

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>g8571.t1

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>g8572.t1

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>g8657.t1

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>g8658.t1

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>g8729.t1

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>g8730.t1

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>g8810.t1

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>g8811.t1

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>g8835.t1

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>g8836.t1

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>g8878.t1

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>g8879.t1

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>g8897.t1

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>g8898.t1

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>g8954.t1

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>g8955.t1

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>g9143.t1

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>g9144.t1

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>g9886.t1

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>g9887.t1

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>g9970.t1

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>g9971.t1

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>g10091.t1

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>g10092.t1

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>g3659.t2

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>g10937.t1

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>g3659.t1

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>g616.t1

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>g319.t1

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>g9135.t1

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>g10614.t1

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>g12302.t1

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>g7246.t1

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>g4553.t1

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>g9540.t1

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>g8301.t1

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>g6628.t1

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>g11037.t1

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>g4503.t1

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>g9594.t1

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>g12046.t1

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>g8650.t1

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>g11334.t1

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>g1641.t1

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>g9304.t1

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>g12046.t2

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>g4729.t1

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>g6099.t1

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>g2874.t1

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>g8333.t1

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>g5361.t1

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>g10837.t1

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>g3581.t1

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