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|---|---------------------------------------|---|--|-------------------------------------|-----|
| NTDB id 625 LCA RS02525 WP 011374196.1      | SERIGQGRENAKNYLADHEDVEDEVRLKVRRAAYGTS | SDVPEEDLPTTE.DEQI.....NILPDDSTEE.                   | 355  |                                     |     |
| NTDB id 93192 JPge RS05975 WP 017437013.1   | DERLGQGRENAKQFLKENPHIAEETIAQEI        | IRKHYGIESSSANSVG.ELQQDEF.....GLLED.....             | 349  |                                     |     |
| NTDB id 115 BSU 16940 NP 389576.2           | EERLGQGRENAKQFLKENKDIMLMIQE           | QIREHYGLDNNGVVQQAEETQEEL.....EFEE.....              | 348  |                                     |     |
| NTDB id 600 KW2 RS01765 WP 011675413.1      | DEKIGQGAEKAKNYLKEHQDVFD               | DEIDHKVRAAHGLDDSEVAETEEETTAS                        | TKAKAKKEEKAVETEEIELELED.....                   | 387                                 |     |
| NTDB id 269 KZH43 RS08665 WP 001085462.1    | DEKIGQGSENAKKYLAEHPEIFDE              | IDKQVRSKFG  | LIDGEEVSEQD                                    | TENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 228 SPD RS09265 WP 001085462.1      | DEKIGQGSENAKKYLAEHPEIFDE              | IDKQVRSKFG  | LIDGEEVSEQD                                    | TENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 194 SPR RS08825 WP 001085462.1      | DEKIGQGSENAKKYLAEHPEIFDE              | IDKQVRSKFG  | LIDGEEVSEQD                                    | TENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 159 SP RS09750 WP 001085462.1       | DEKIGQGSENAKKYLAEHPEIFDE              | IDKQVRSKFG  | LIDGEEVSEQD                                    | TENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1  | DEKIGQGSENAKKYLADNPEIFDE              | IDHQVVRVQFGL  | LIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIE | 381                                 |     |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1  | DEKIGQGSENAKKYLADNPEVFAE              | IDHQVVRVQFGL  | LIDGEEAAES....KKDE....VAQVDS..VNEEVTLDLGDELEIE | 381                                 |     |
| NTDB id 453 Spy49 1753c ACI62003.1          | GEKIGQGSENAKRYLADHPQLFDE              | IDRKVVRVKFGL  | LEESEEEESAMAVASE.....E.....TDDLALDLNGIEIE      | 377                                 |     |
| NTDB id 408 SMU RS09530 WP 002262392.1      | GEKIGQGSENAKKFLADNPEIFD               | IDHKVVRVQYGL  | IEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE    | 382                                 |     |
| NTDB id 1313 DR RS12030 WP 010888966.1      | DERIGQGKEKTIAYIAERP                   | EMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAEA.....          | 363  |                                     |     |
| NTDB id 1245 Cj1673c YP 002345041.1         | DKKLGQGRENSKAF                        | LKENPEIADEITKAIQNSMGT                               | EGMI....SGSEDD..EGEE.....                      | 343                                 |     |
| NTDB id 1211 C694 RS00795 WP 000963128.1    | DKKLGQGRENAKALLKEDKALADEITL           | IKESIGSNEEI....MPLPDE..PLEEM.....E.....             | 347  |                                     |     |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1     | DKKLGQGRENAKALLKEDKALADEITL           | IKESIGSNEEI....MPLPDE..PLEEM.....E.....             | 347  |                                     |     |
| NTDB id 1334 RAOC RS04870 WP 004918236.1    | DTKLGQGRD                             | TVKELTKDNPELAELEAK                                  | IREKLQAK.....                                  | 343                                 |     |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | GTKIGQGGKNNAVKWLKENPEIADKLE           | QEIRNTLASNPNS....VLKATASDSNDES.....DVEEFSEEL...     | 372  |                                     |     |
| NTDB id 1130 NGFG RS03960 WP 003688695.1    | GAKIGQGGKDNVVRVWLKENPEISDE            | IDAKIRALNGVEMHI....TEGTQDET                         | DGER.....PEE.....                              | 348                                 |     |
| NTDB id 1124 NGFG RS03960 WP 003688695.1    | GAKIGQGGKDNVVRVWLKENPEISDE            | IDAKIRALNGVEMHI....TEGTQDET                         | DGER.....PEE.....                              | 348                                 |     |
| NTDB id 1123 OK783 RS03845 WP 003688695.1   | GAKIGQGGKDNVVRVWLKENPEISDE            | IDAKIRALNGVEMHI....TEGTQDET                         | DGER.....PEE.....                              | 348                                 |     |
| NTDB id 1427 RS RS02760 WP 011000510.1      | GERIGQGRDNCREF                        | LRENAELAREIENKVR                                    | REHLGVT  | TPMG....AVTLA.EEVEED.....           | 352 |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 | GDKIGQGGKANACKYLKENPEIAK              | TLDKKLREMLLN  | PENM....QLIAETSSAADDV.....EFGAVPEEF....        | 354                                 |     |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1   | GDKIGQGGKANACKYLKENPEIAK              | TLDKKLREMLLN  | PENM....QLIAETSSAADDV.....EFGAVPEEF....        | 354                                 |     |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1   | GNKIGQGGKNNVIRYLEENPQISTE             | IEAVIREQLLTKASD....QTAA.HDETEEEP.....DLL..ES.....   | 349  |                                     |     |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1    | GNKIGQGGKNNVIRYFEENNQIAE              | EIERNIREQLLTTGTN....GAVQ.I.EDEEEP.....DLL..LES..... | 349  |                                     |     |
| NTDB id 1205 PSJM300 05545 AFN77183.1       | GSKIGQGGKANAAKYLEENPEIGQ              | IEIQQIRAKLLV  | TSAN....TKATPVAEDLADA.....DI.....              | 347                                 |     |
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