

H-rich

GhSAUR149 : MSSGEKSL-----RNFHLHLPHLHHH----HCGKKQTRDVEKCYLAIVGSGGEER----QRFVVPVIMFNHPLFMRLLK : 67
 GrSAUR87 : MGNGEKN-----RNFHLHLPHLHHHHHH--HCGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 70
 GhSAUR202 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GaSAUR11 : MSGGEKSF-----RNFHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GaSAUR81 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GhSAUR46 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GaSAUR50 : MGNGEKN-----RNFHLHLPHLHHHH----CGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 67
 GbSAUR54 : MGNGEKN-----RNFHLHLPHLHHHH----CGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 68
 GhSAUR155 : -----MQEDKKTATVKKGWLAVRVGLSEED--GGLKRFPIPIISHLYHPLFKQLLD : 48
 GhSAUR147 : MGSGEKSF-----RNFHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GhSAUR213 : MGNGEKN-----RNFHLHLPHLHHHH----CGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 67
 GhSAUR148 : MGIGGDKQ---QHVSFHLMPNLHLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 71
 GaSAUR13 : MSSGEKSL-----RNFQHLHLPHLHHHHRRHHHCGKKQTRDVEKCYLAIVGSGGEER----QRFVVPVIMFNHPLFMRLLK : 71
 GrSAUR32 : MSGGEKSF-----RNFHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GbSAUR107 : -----MQEDKKTATVKKGWLAVRVGLSEED--GGLKRFPIPIISHLYHPLFKQLLD : 48
 GbSAUR85 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GbSAUR35 : MSGGEKSF-----RNFHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GhSAUR75 : MGNGEKN-----RNFHLHLPHLHHHH----CGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 67
 GaSAUR91 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GhSAUR55 : MGIGGDKQ---QHVSFHLMPNLHLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 71
 GrSAUR33 : MGIGGEKQ---QHVSFHLMPNLHLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 71
 GbSAUR153 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GbSAUR57 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GrSAUR127 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GbSAUR39 : -----MQEDKKTATVKKGWLAVRVGLSEED--GGLKRFPIPIISHLYHPLFKQLLD : 48
 GhSAUR172 : MGNGEKN-----RNFHLHLPHLHHHH----CGKKQAKGVEKGCCLAIKVGPKEEB----QRFVVPVIMFNHPLFMOLLK : 68
 GhSAUR56 : MSSGEKSL-----RNFQHLHLPHLHHCHHHHCGKKQTRDVEKCYLAIVGSGGEER----QRFVVPVIMFNHPLFMRLLK : 71
 GhSAUR54 : MSGGEKSF-----RNFHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GbSAUR84 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GbSAUR19 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GhSAUR77 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GbSAUR20 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48
 GrSAUR92 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GrSAUR34 : MSSGEKSL-----RNFHLHLPHLHHH--HHCGKKQTRDVEKCYLAIVGSGGEER----QRFVVPVIMFNHPLFMRLLK : 68
 GaSAUR59 : MGIGGDKQ---QHVSFHLMPNLHLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 71
 GbSAUR103 : MSGGEKSF-----RNFHHLHLPHLHHHHQHCGKKQGSIVKGCCLAIKVGSGGEEB----QRFVVPVIMFNHPLFMOLLK : 71
 GhSAUR71 : -----MQEDKKTATVKKGWLAVRVGLSEED--GGLKRFPIPIISHLYHPLFKQLLD : 48
 GbSAUR152 : MGSGDNNKGSHHHVNFHLHIP--HLHGFG--HHEKKDLKDIPKGCCLAIKVGSGGEEB----QRFVIPVIMFNHPLFMOLLK : 72
 GhSAUR124 : -----MEKAK--GKVKKGWLAVEVGLSEED--EQGFQRFVIPISLYHPLFKQLLD : 48

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GhSAUR149 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLHH-----HHHHHH-----VGCERV : 117
 GrSAUR87 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHHHH-----VGCERV : 122
 GhSAUR202 : VAEDYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 122
 GaSAUR11 : BAEDEYGFQCKGIIITIPCNVQBFNRNIRGLIDRENSLHQ-----YHHHHHY-----VWCERV : 122
 GaSAUR81 : VAEDYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 122
 GhSAUR46 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GhSAUR50 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHHHHHHVGCERV : 122
 GbSAUR54 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDVQFMVPYIFGWWINGDDYRKNMNTKVDHNCALIC : 136
 GhSAUR155 : KAYBYVGYHMTGELRLPQSTDDFLNLKWRIDRESNHH-----HHHHHHHHHPLTLPHSC : 106
 GhSAUR147 : BAEDEYGFQCKGIIITIPCNVQBFNRNIRGLIDRENSLH-----HHHHHY-----VWCERV : 120
 GhSAUR213 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHHHH-----VGCERV : 118
 GhSAUR148 : BAEDEYGFQCKGIIITIPCHVQBFNRNIRGLIDKEKSLH-----HHHGW-----NIKLQAYKRRWELGTFVGL : 134
 GaSAUR13 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKYFHH-----HHHHHH-----VGCERV : 122
 GrSAUR32 : BAEDEYGFQCKGIIITIPCNVQBFNRNIRGLIDRENSLH-----HHHHHHY-----VWCERV : 121
 GbSAUR107 : KAYBYVGYHMTGELRLPQSTDDFLNLKWRIDRESN-----HHHHHHHHHPLTLPHSC : 100
 GbSAUR85 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GbSAUR35 : BAEDEYGFQCKGIIITIPCNVQBFNRNIRGLIDRENSLHQ-----YHHHHHY-----VWCERV : 122
 GhSAUR75 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHHHH-----VGCERV : 118
 GaSAUR91 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GhSAUR55 : BAEDEYGFQCKGIIITIPCHVQBFNRNIRGLIDRENSLH-----HHHGW-----NIKLQAYKRRWELGTFVGL : 134
 GrSAUR33 : BAEDEYGFQCKGIIITIPCHVQBFNRNIRGLIDRENSLH-----HHHGW-----NIKLQAYKRRWELGTFVGL : 132
 GbSAUR153 : VAEDYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 122
 GhSAUR57 : VAEDYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 122
 GrSAUR127 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----YHHHHHHHHHPLPLTLPHSC : 103
 GhSAUR39 : KAYBYVGYHMTGELRLPQSTDDFLNLKWRIDRESN-----HHHHHHHHHPLTLPHSC : 100
 GhSAUR172 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHHQH-----VGCERV : 120
 GhSAUR56 : BAEDEYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKYFHH-----HHHHHH-----VGCERV : 122
 GhSAUR54 : BAEDEYGFQCKGIIITIPCNVQBFNRNIRGLIDRENSLHQ-----YHHHHHY-----VWCERV : 122
 GbSAUR84 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GbSAUR19 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GhSAUR77 : VAEDYGFQCKGIIITIPCHVQBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 123
 GhSAUR20 : KAYBYVGYHTKGELKLPQSVDDFLNLKWCIEKESN-----HHHHHHHHHPLPLTLPHSC : 103
 GrSAUR92 : VAEDYGFQCKGIIITIPCHVEBFNRNIRGLIDKEKSLH-----HHHHHH-----VWCERV : 122