Alignment: polycys.msf
Seaview [blocks=10 fontsize=10 A4] on Wed May 30 13:50:56 2007

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           1
np_061197  ---------- ---------- ---------- ----MLLVE- PLNRLLQDKW DRFVKRFYFN FLVYCLYMII
hsa277028  ---------- ---------- ---------- ----MLLVE- PLNRLLQDKW DRFVKRFYFN FLVYCLYMII
t09054     ---------- ---------- ---------- ----MLLVE- PLNRLLQDKW DRFVKRFYFN FFVYCLYMII
ab040873   ---------- ---------- ---------- ----MLLVE- PLNRLLQDKW DRFVKRFYFN FFVYCLYMII
ab041029   ---------- ---------- ---------- ----MLLVE- PLNRLLQDKW DRFVKRFYFN FFVYCLYMII
np_57015   ---------- ---------- ---------- ----MVVLE- PLNKLLQAKW DLLIPKFFLN FLCNLIYMFI
np_57198   ---------- ---------- ---------- ----MVVLE- PLNKLLQAKW DLLIPKFFLN FLCNLIYMFI
np_058903  ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLVSRFFFN FACYLVYMFI
ab029330   ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLVSRFFFN FACYLVYMFI
ab022332   ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLVSRFFFN FACYLVYMFI
np_035836  ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLIPRFFFN FACYLVYMII
np_58904   ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLVSRFFFN FACYLVYMFI
np_35837   ---------- ---------- ---------- ----MVVLE- PLNKLLQEKW DRLIPRFFFN FACYLVYMII
Consensus  ---------- ---------- ---------- ----MVVLE- PLNKLLQXKW DRLVXRFFFN FXCYLXYMXI

          71
np_061197  FTMAAYYRVD GLPPF----- ---------- ---------- --------KM EKT-GDYFRV TGEILSVLGG
hsa277028  FTMAAYYRVD GLPPF----- ---------- ---------- --------KM EKT-GDYFRV TGEILSVLGG
t09054     FTAAAYYRVE GLPPY----- ---------- ---------- --------KL KNTVGDYFRV TGEILSVSGG
ab040873   FTAAAYYRVE GLPPY----- ---------- ---------- --------KL KNTVGDYFRV TGEILSVSGG
ab041029   FTAAAYYRVE GLPPY----- ---------- ---------- --------KL KNTVGDYFRV TGEILSVSGG
np_57015   FTAVAYHQPL KKQAA----- ---------- ---------- -------PHL KAEVGNSMLL TGHILILLGG
np_57198   FTAVAYHQPL KKQAA----- ---------- ---------- -------PHL KAEVGNSMLL TGHILILLGG
np_058903  FTVVAYHQSL DQPAI----- ---------- ---------- -------PSS KATFGESMLL LGHILILLGG
ab029330   FTVVAYHQSL DQPAI----- ---------- ---------- -------PSS KATFGESMLL LGHILILLGG
ab022332   FTVVAYHQSL DQPAI----- ---------- ---------- -------PSS KATFGESMLL LGHILILLGG
np_035836  FTIVAYHQSL EQPAI----- ---------- ---------- -------PSS KATFGDSMLL LGHILILLGG
np_58904   FTVVAYHQPL DQPAI----- ---------- ---------- -------PSS KATFGESMLL LGHILILLGG
np_35837   FTIVAYHQPL EQPAI----- ---------- ---------- -------PSS KATFGDSMLL LGHILILLGG
Consensus  FTXVAYHQXL XXPAX----- ---------- ---------- -------PXX KATXGXSMLL XGHILILLGG

         141
np_061197  VYFFFRGIQY FLQ------- ---------K RPSMKTLFVD SYSEMLFFLQ SLFMLATVVL YFSHLK----
hsa277028  VYFFFRGIQY FLQ------- ---------K RPSMKTLFVD SYSEMLFFLQ SLFMLATVVL YFSHLK----
t09054     VYFFFRGIQY FLQ------- ---------R RPSLKSLFVD SYSEILFFVQ SLFMLVSVVL YFSQRK----
ab040873   VYFFFRGIQY FLQ------- ---------R RPSLKSLFVD SYSEILFFVQ SLFMLVSVVL YFSQRK----
ab041029   VYFFFRGIQY FLQ------- ---------R RPSLKSLFVD SYSEILFFVQ SLFMLVSVVL YFSQRK----
np_57015   IYLLVGQLWY FWR------- ---------R HVFIWISFID SYFEILFLFQ ALLTVVSQVL CFLAIE----
np_57198   IYLLVGQLWY FWR------- ---------R HLFIWISYTD SYFEILFLFH SLLTVVSLVL CFLVIE----
np_058903  IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLLQ ALLTVLSQVL RFMETE----
ab029330   IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLLQ ALLTVLSQVL RFMETE----
ab022332   IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLLQ ALLTVLSQVL RFMETE----
np_035836  IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLVQ ALLTVLSQVL RFVETE----
np_58904   IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLLQ ALLTVLSQVL RFMETE----
np_35837   IYLLLGQLWY FWR------- ---------R RLFIWISFMD SYFEILFLVQ ALLTVLSQVL RFVETE----
Consensus  IYLLXGQLWY FWR------- ---------R RXFIWISFXD SYFEILFLXQ XLLTVXSXVL XFXXXE----

         211
np_061197  ---------- ---------- ----EYVASM VFSLALGWTN MLYYTRGFQQ MGIYAVMIEK MILRDLCRFM
hsa277028  ---------- ---------- ----EYVASM VFSLALGWTN MLYYTRGFQQ MGIYAVMIEK MILRDLCRFM
t09054     ---------- ---------- ----EYVASM VFSLAMGWTN MLYYTRGFQQ MGIYAVMIEK MILRDLCRFM
ab040873   ---------- ---------- ----EYVASM VFSLAMGWTN MLYYTRGFQQ MGIYAVMIEK MILRDLCRFM
ab041029   ---------- ---------- ----EYVASM VFSLAMGWTN MLYYTRGFQQ MGIYAVMIEK MILRDLCRFM
np_57015   ---------- ---------- ----WYLPLL VSALVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
np_57198   ---------- ---------- ----WYLPLL VSALVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDMVRFL
np_058903  ---------- ---------- ----WYLPLL VLSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
ab029330   ---------- ---------- ----WYLPLL VLSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
ab022332   ---------- ---------- ----WYLPLL VLSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
np_035836  ---------- ---------- ----WYLPLL VSSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
np_58904   ---------- ---------- ----WYLPLL VLSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
np_35837   ---------- ---------- ----WYLPLL VSSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLLRFL
Consensus  ---------- ---------- ----WYLPLL VXSLVLGWLN LLYYTRGFQH TGIYSVMIQK VILRDLXRFL
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           281
np_061197  FVYIVFLFGF STAVVTLIED GKNDSLP--S ESTSHRWRGP AC--RPPDSS YNSLYSTCLE LFKF-TIGMG
hsa277028  FVYVVFLFGF STAVVTLIED GKNDSLP--S ESTSHRWRGP AC--RPPDSS YNSLYSTCLE LFKF-TIGMG
t09054     FVYLVFLFGF STAVVTLIED GKNNSLP--M ESTPHKCRGS AC--K-PGNS YNSLYSTCLE LFKF-TIGMG
ab040873   FVYLVFLFGF STAVVTLIED GKNNSLP--M ESTPHKCRGS AC--K-PGNS YNSLYSTCLE LFKF-TIGMG
ab041029   FVYLVFLFGF STAVVTLIED GKNNSLP--M ESTPHKCRGS AC--K-PGNS YNSLYSTCLE LFKF-TIGMG
np_57015   LIYLVFLFGF AVALVSLSQE AWRPEAPTGP NATESVQPME GQEDEGNGAQ YRGILEASLE LFKF-TIGMG
np_57198   VIYLVFLFGF AVALVSLSQE AWRPEAPTGP NATESVQPME GQEDEGNGAQ YRGILEASLE LFKF-TIGMG
np_058903  LVYLVFLFGF AVALVSLSRE ARSPKAPEDN NSTVTEQPTV GQEEE--PAP YRSILDASLE LFKF-TIGMG
ab029330   LVYLVFLFGF AVALVSLSRE ARSPKAPEDN NSTVTEQPTV GQEEE--PAP YRSILDASLE LFKF-TIGMG
ab022332   LVYLVFLFGF AVALVSLSRE ARSPKAPEDN NSTVTEQPTV GQEEE--PAP YRSILDASLE LFKF-TIGMG
np_035836  LVYLVFLFGF AVALVSLSRE ARSPKAPENS NTTVTEKPTL GQEEE--PVP YGGILDASLE LFKF-TIGMG
np_58904   LVYLVFLFGF AVALVSLSRE ARSPKAPEDN NST-TEQPTV GQEEE--PAP YRSILDASLE LFKF-TIGMG
np_35837   LVYLVFLFGF AVALVSLSRE ARSPKAPENS NTT-TEKPTL GQEEE--PVP YGGILDASLE LFKF-TIGMG
Consensus  XVYLVFLFGF AVALVSLSXE AXXPXAPEXX NSTXXXXPXX GQEEEXPXXX YXSILXASLE LFKF-TIGMG

           351
np_061197  DLEFTEN-YD FKAVFIILLL AYVILTYILL LNMLIALMGE TVNKIAQESK NIWKLQRAIT IL
hsa277028  DLEFTEN-YD FKAVFIILLL AYVILTYILL LNMLIALMGE TVNKIAQESK NIWKLQRAIT IL
t09054     DLEFTEN-YD FKAVFIILLL AYVILTYILL LNMLIALMGE TVNKIAQESK NIWKLQRAIT IL
ab040873   DLEFTEN-YD FKAVFIILLL AYVILTYILL LNMLIALMGE TVNKIAQESK NIWKLQRAIT IL
ab041029   DLEFTEN-YD FKAVFIILLL AYVILTYILL LNMLIALMGE TVNKIAQESK NIWKLQRAIT IL
np_57015   ELAFQEQ-LH FRGMVLLLLL AYVLLTYILL LNMLIALMSE TVNSVATDSW SIWKLQKAIS --
np_57198   ELAFQEQ-LH FRGMVLLLLL AYVLLTYILL LNMLIALMSE TVNSVATDSW SIWKLQKAIX --
np_058903  ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNHVADNSW SIWKLQKAIS VL
ab029330   ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNHVADNSW SIWKLQKAIS VL
ab022332   ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNHVADNSW SIWKLQKAIS VL
np_035836  ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNSVATDSW SIWKLQKAIS VL
np_58904   ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNHVADNSW SIWKLQKAIS --
np_35837   ELAFQEQ-LR FRGVVLLLLL AYVLLTYVLL LNMLIALMSE TVNSVATDSW SIWKLQKAIS --
Consensus  ELAFQEQ-LX FRGVVLLLLL AYVLLTYXLL LNMLIALMSE TVNXVAXXSW SIWKLQKAIX XL
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