

-----<XXXXXXXXXXXXX α-helix 1 XXXXXXXXXXXXXXXX>-----

MicalcL <sub>525-695</sub>	525	GHMLEKAMKQLVKQEELKRLYK-----AQAIQRQLEEVVEERQRASEIQGVRLEKALR--G	574
MicalcL <sub>534-683</sub>	534	GHM-----KQEELKRLYK-----AQAIQRQLEEVVEERQRASEIQGVRLEKALR--G	574
Mical3 <sub>1841-1990</sub>	1841	G-----KQEELKRLHR-----AQIIQRQLQQVVEERQRRLVEERGVAVEKALR--G	1881
Mical1 <sub>918-1067</sub>	918	GHM-----KEEEMKRFCK-----AQTIQRRLNEIEAALRELEAEGVKLELALR--R	958
EHBP1 <sub>1047-1220</sub>	1047	GHMKAATETQRPSEDEVLNKGFKDTSQYVVGELAALENEQKQIDTRAALVEKRLRYLM	1103
EHBP1L1 <sub>1340-1509</sub>	1340	GHMSE---EPPSPSGEEAGLQR-FQDTSQYVCAELQALQEQRQIDGRAAEVEMQLRSLM	1392

-----<XXXXXXXXXXXXXXXXX α-helix 2 XXXXXXXXXXXXXXXXXXXX>-----

MicalcL <sub>525-695</sub>	575	EADSGTQDEAQLLQEWFKLVLEKNKLMRYESELLIMAQELELEDHQSRLEQKLEKMLKE	634
MicalcL <sub>534-683</sub>	575	EADSGTQDEAQLLQEWFKLVLEKNKLMRYESELLIMAQELELEDHQSRLEQKLEKMLKE	634
Mical3 <sub>1841-1990</sub>	1882	EAGMGKKDDPKLMQEWFKLVQEKNAMVRYEELMIFARELELEDQRSRLQQLERERMAVE	1941
Mical1 <sub>918-1067</sub>	959	QSSSPEQQKKLWVGQLQLVLDKNSLVAEEAELMITVQELNLEKQWQLDQELRGYMNRE	1018
EHBP1 <sub>1047-1220</sub>	1104	DTGRNTEEEAEMMQEWFMVLVKNKALIRRMNQLSLEKEHDLERRYELLNRELRAMLAI	1163
EHBP1L1 <sub>1340-1509</sub>	1393	ESGANKLQEEVLIQEWFTLVNKNALIRRDQLQLLMEQDLERRFELLSRELRAMLAI	1452

-----<XXXXXXXXXX α-helix 3 XXXXXXXXXXXX>-----

MicalcL <sub>525-695</sub>	635	ESQKDEKDLNEEQEVFTELMQVIEQRDKLVDSLEEQRIREKAEDQHFESFVFSRGCQLSR	694
MicalcL <sub>534-683</sub>	635	ESQKDEKDLNEEQEVFTELMQVIEQRDKLVDSLEEQRIREKAEDQHFES-----	683
Mical3 <sub>1841-1990</sub>	1942	DHLKTEEELSEKQILNEMLEVEQQRDSLVALLEEQRRLREREEDKDLEA-----	1990
Mical1 <sub>918-1067</sub>	1019	ENLKTAADRQAEQVLRKLVLDVNQRDALIRFQEERRLSELALGTGAQG-----	1067
EHBP1 <sub>1047-1220</sub>	1164	DWQKTEAQKRREQLLLDELVALVNKRDLVRDLDAQEKQAEEDDEHLERTLEQNKGK---	1220
EHBP1L1 <sub>1340-1509</sub>	1453	DWQKTSAQQHREQLLLLEELVSLVNQRDELVRDLDHKERIALEEDERLERGLEQRRRK---	1509

MicalcL <sub>525-695</sub>	T	695
MicalcL <sub>534-683</sub>	-	
Mical3 <sub>1841-1990</sub>	-	
Mical1 <sub>918-1067</sub>	-	
EHBP1 <sub>1047-1220</sub>	-	
EHBP1L1 <sub>1340-1509</sub>	-	