

Supplemental Table 9. Re-localisation of proteins in the band 3-ankyrin macro-complex and 4.1R junctional complex from the cytosol to the membrane during reticulocyte maturation. Proteins from the membrane and cytosol fraction of cells were included in the analysis. Values show the ratio of protein levels between adult RBCs and reticulocytes and cord RBCs and reticulocytes. For method see legend for Supplemental Table 4.

Accession	Description	Adult RBC/Retic Membrane	Adult RBC/Retic Cytosol	Cord RBC/Retic Membrane	Cord RBC/Retic Cytosol
P60709	Actin, cytoplasmic 1	3.062		2.862	
P63267	Actin, gamma-enteric smooth muscle	3.117	0.115	2.624	0.078
A2A3N8	Adducin (alpha)	3.273	0.148	2.918	0.349
P35612	Adducin (beta)	4.433		3.571	
E7EVE3	Ankyrin 1	3.627	0.041	3.927	0.391
Q53ER1	Ankyrin 1 isoform 5 variant	3.997		3.449	
P02730	Band 3 anion transport protein	3.826	0.050	3.604	0.480
E9PB22	CD47	5.260		5.309	
Q08495	Dematin	2.988	0.081	3.044	0.095
B4DZV5	55 kDa erythrocyte membrane protein	1.528	0.177	1.643	0.329
B8Q185	Glycophorin A	10.251		11.878	
P04921	Glycophorin-C	2.684	0.010	2.892	0.132
Q14773	Intercellular adhesion molecule 4	2.414		4.418	
P23276	Kell blood group glycoprotein	3.245		2.189	
P51811	Membrane transport protein XK	2.411		2.520	
P11171	Protein 4.1	3.289	0.143	3.928	0.614
Q4KKX0	Protein 4.2	4.086	0.010	4.011	0.098
F5H250	RhAG Ammonium transporter	1.431		5.235	
E7EWZ5	Rh blood group, CcEe antigens	5.054		4.499	
Q02161	Blood group Rh(D) polypeptide	2.872		8.032	
P11166	GLUT1	1.803	0.075	2.627	0.246
P02549	Spectrin alpha chain, erythrocyte	4.681	0.106	4.164	0.221
P11277	Spectrin beta chain, erythrocyte	4.470	0.083	4.109	0.577
P28289	Tropomodulin-1	3.518		3.770	
F5H7S3	Tropomyosin 1	2.579		2.786	
D9YZV5	Tropomyosin 1 isoform 4	2.411	0.059	2.253	0.279
D9YZV7	Tropomyosin 1 isoform 6	2.520	0.043	2.409	0.116
Q5VU58	Tropomyosin 3	2.842	0.083	3.021	0.120