

Supplementary Table S8. EV hubs prevailing in the biological networks of Figure 10 and Figure 11 and their connectivity to RBC-related parameters.

A. βThal⁺ EVs	Number of connections to RBC parameters
Apolipoproteins	81
Hb	52
Small integral membrane protein 1 (SMIM1)	41
Carbonic anhydrase 1	36
Flavin reductase	30
Thioredoxin	30
IgGs	28
GTPase activating protein (TBC1D24)	28
Ubiquitin-related	28
Fibrinogen	26
Sorcin	23
Phosphatidylethanolamine-binding protein (PEBP1)	22
α -hemoglobin-stabilizing protein (AHSP)	21
Peroxiredoxins	21
Phosphatidylinositol 5P 4-kinase type-2 α (PIP4K2A)	20
Prothrombin	18
CD55	16
Small GTPases	15
B. Control EVs	Number of connections to RBC parameters
Apolipoproteins	40
Spectrins	38
Ubiquitin-related	29
S-formyl-glutathione hydrolase (ESD)	28
Carbonic anhydrase 1	27
Glycophorin A	26
IgGs	26
Hb	22
Heat shock proteins	22
Small GTPases	20
Calpastatin	19
Complement	18
Inter- α -trypsin inhibitor heavy chain (H4ITI4)	18
Small integral membrane protein 1 (SMIM1)	15

Bold: high connectivity parameters present in both groups.