



Article

Increased Expression of α -Hemoglobin Stabilizing Protein (AHSP) mRNA in Erythroid Precursor Cells Isolated from β -Thalassemia Patients Treated with Sirolimus (Rapamycin)

Matteo Zurlo ¹, Cristina Zuccato ^{1,2}, Lucia Carmela Cosenza ¹, Maria Rita Gamberini ², Alessia Finotti ^{1,2,*} and Roberto Gambari ^{1,2,*}

¹ Department of Life Sciences and Biotechnology, Ferrara University, 44121 Ferrara, Italy; matteo.zurlo@unife.it (M.Z.); cristina.zuccato@unife.it (C.Z.); luciacarmela.cosenza@unife.it (L.C.C.)

² Center “Chiara Gemmo and Elio Zago” for the Research on Thalassemia, Department of Life Sciences and Biotechnology, Ferrara University, 44121 Ferrara, Italy; gamberinimariarita@gmail.com

* Correspondence: alessia.finotti@unife.it (A.F.); gam@unife.it (R.G.)

SUPPLEMENTARY MATERIAL

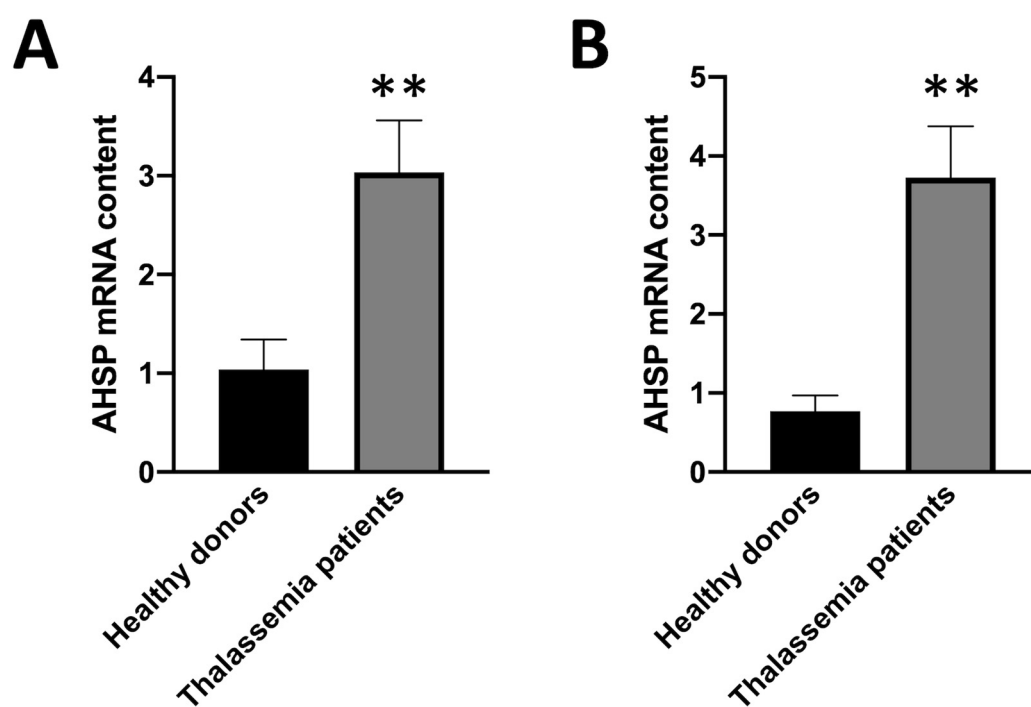


Figure S1. Expression of AHSP in Erythroid Precursor Cells (ErPCs) isolated from healthy subjects and β -thalassemia patients. We report the RT-qPCR analysis showed in Figure 1 of the main text but normalized on RPL13A (A) and β -actin (B) as reference sequences, showing high reproducible data. Statistical data were generated using the Prism Software v9.02 and unpaired t-test.

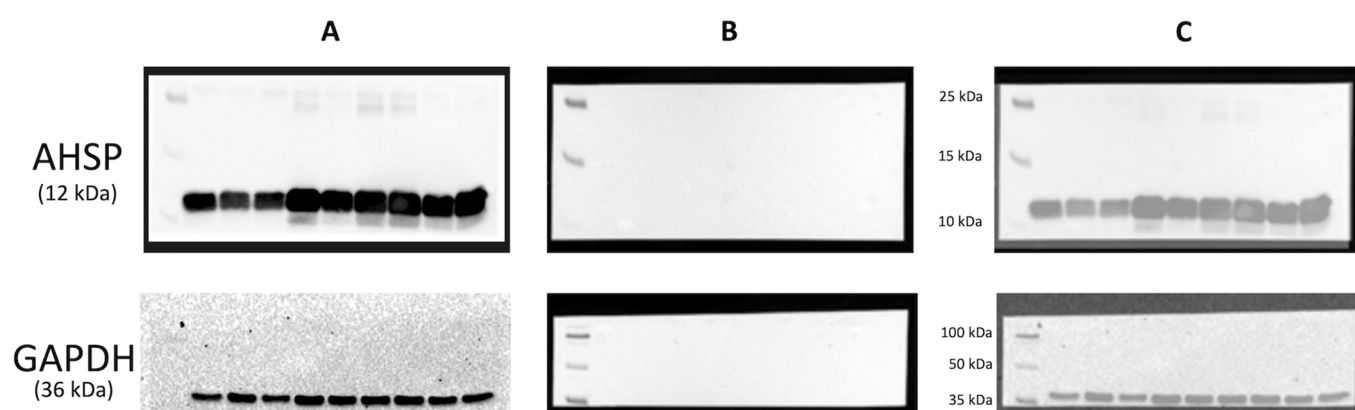


Figure S2. Uncropped version of Western Blot presented in Figure 1. In panel A we show the acquired blot image, in panel B the nitrocellulose membrane with the prestained multicolor protein ladder (Spectra pre-stained ladder by Thermo Fisher, Waltham, MA, USA, cat. n. 26634) and in panel C the merge of picture A and B, showing the exact molecular weight of the target proteins.