

New Insights into the Runt Domain of RUNX2 in Melanoma Cell Proliferation and Migration

Michela Deiana ^{1,2}, Luca Dalle Carbonare ², Michela Serena ¹, Samuele Cheri ^{1,2}, Francesca Parolini ¹, Alberto Gandini ³, Giulia Marchetto ², Giulio Innamorati ³, Marcello Manfredi ⁴, Emilio Marengo ⁴, Jessica Brandi ⁵, Daniela Cecconi ⁵, Antonio Mori ¹, Maria Mihaela Mina ², Franco Antoniazzi ³, Monica Mottes ¹, Natascia Tiso ⁶, Giovanni Malerba ¹, Donato Zipeto ¹ and Maria Teresa Valenti ^{2,*}

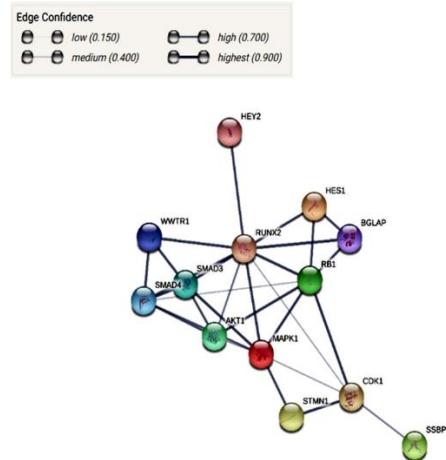


Figure S1. Protein-protein functional association based on confidence. Line thickness indicates the strength of data support. PPI enrichment p-value: 1.03e-07.

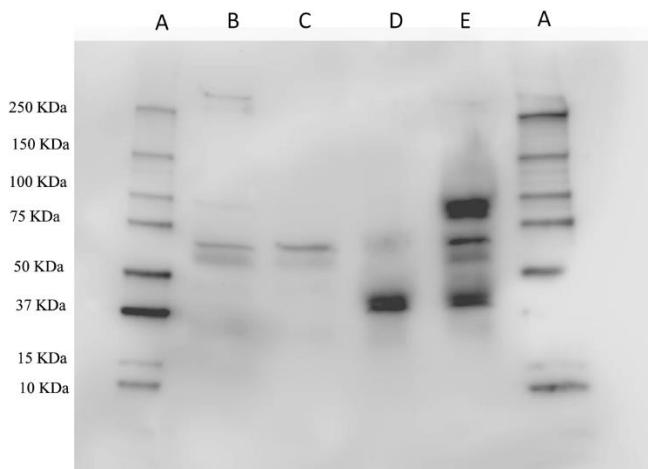


Figure S2. Representative image of a Western blot reaction against Runx2. Lanes A: MW; Lane B: MG63 osteosarcoma cell line; Lane C: WT: A375 cell line; Lane D: del-RUNT, clone with in-frame deletion of RUNT; Lane E: del-RUNT++: same clone, re-expressing wild-type RUNX2 after transduction with Lenti ORF viral vector (note around 75 kDa the RUNX2 mGFP-tagged).