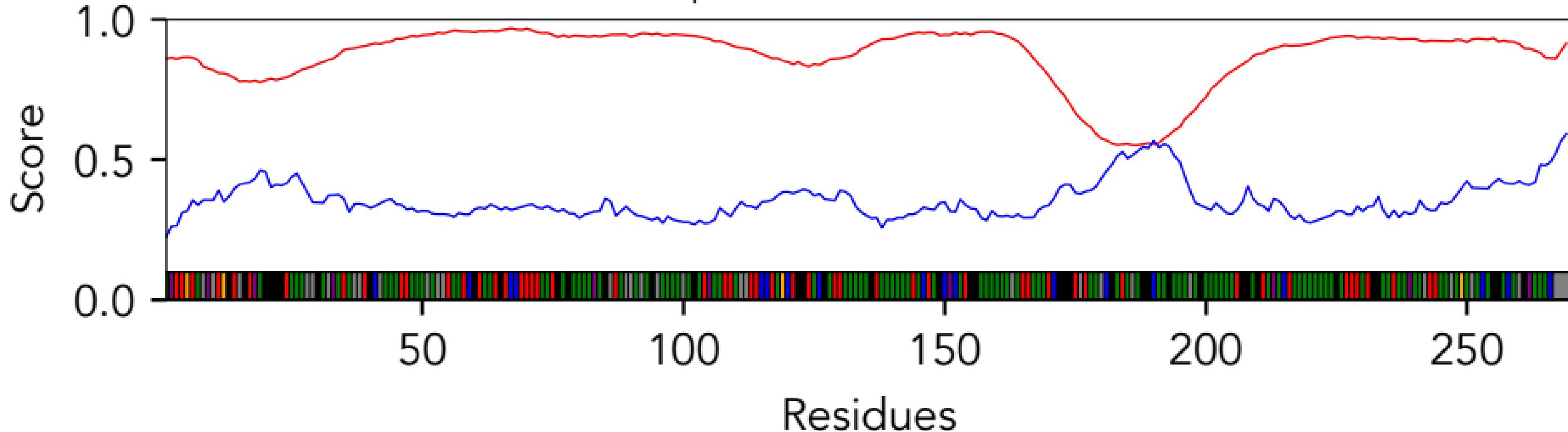Rap1_I1_and_I2 [INVIABLE]