



**Figure S4 Analysis of the *in vitro* heteromeric interaction of TurA, TurB and Pmr N-terminal truncated variants inactivated at the terminal dimerization site.** Purified TurA\_nt<sub>61</sub>-R8A+TurB\_nt<sub>74</sub>-R8A (A, B), TurA\_nt<sub>61</sub>-R8A+ Pmr\_nt<sub>73</sub>-R8A (C, D), and Pmr\_nt<sub>61</sub>-R8A+TurB\_nt<sub>74</sub>-R8A (E, F) were incubated with 5 mg/ml DMS for 1 hour at room temperature, followed by resolving on 18% tricine-SDS-PAGE. The bands corresponding to heterodimers are indicated with black arrows. Numbers above the lanes indicate the amount of the protein in the range of 20-40  $\mu$ M used for the analysis. Proteins and the corresponding applied amounts are indicated in the same color.