



Figure S1. Time of recovery from severe hypoxic challenge assay. The *dmDysC-term* and *dmDysN-term* driven by either *P-tub-Gal4* or *24B-Gal4* were exposed either to normoxia (triangle) or CH (square) following the hypoxia protocol. Then, the flies were exposed for 2 hours under 1% FiO₂ and then to room air. The starting time was considered as the moment when the normoxia was reestablished and a complete recovery was considered when the fly climbed the vial. The driver *P-tub-Gal4* or *24B-Gal4* was used as control. Five vials from each genotype were used containing 20 flies per vial. The dotted line shows the median recovery time of the assay. *** $p < 0.001$ *dmDys* vs. drivers. # $p < 0.05$ from *CH-dmDys* vs normoxic *dmDys*.