

Figure S1: Effect of mannitol/glucose with/without SNP within 15 minute time intervals on A: high and low speed locomotion of larval zebrafish in light and dark side of the well and B: number of transitions made between light and dark sides of the well (n = 50, 45, 44 and 56 larvae for mannitol, mannitol+SNP, glucose and glucose+SNP, respectively). Data are mean±s.e.m.*p<0.05, **p<0.01 and (one-way ANOVA).

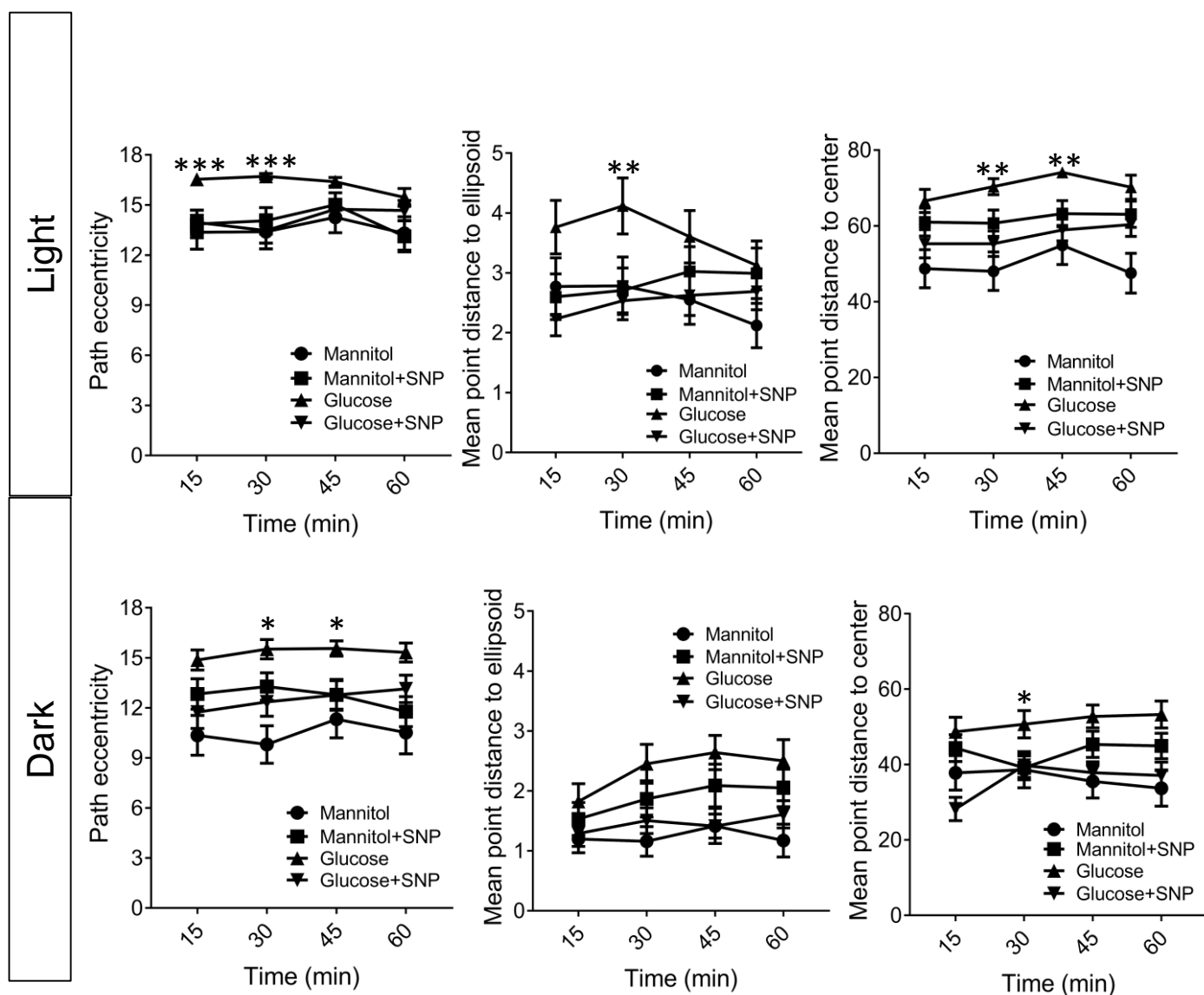


Figure S2: Effect of mannitol/glucose with/without SNP within 15 minute time intervals on various features of larval zebrafish behaviors; eccentricity, MPDE and MPDC in corresponding light and dark sides of the well (n = 50, 45, 44 and 56 larvae for mannitol, mannitol+SNP, glucose and glucose+SNP, respectively). Data are mean ± s.e.m. *p<0.05, **p<0.01 and *p<0.001 (one-way ANOVA)**