



Supplemental Figure 1 : Acute CCR2 inhibition reduces cold aversion in SCD mice. Temperature preference was assessed in B6;129 and Berk SS mice. Vehicle-treated Berk SS mice spent significantly less time on the 23°C plate than controls; this cold aversion was mitigated by pre-treatment with the CCR2 antagonist RS 504393 (two-way ANOVA significant main effect of genotype $F_{1,28}= 23.16$, $p<0.0001$, significant main effect of RS 504393 $F_{1,28}=7.613$, $p=0.0101$; Bonferroni multiple comparisons test B6;129 vehicle vs. Berk SS vehicle ### $p=0.0003$, Berk SS vehicle vs. Berk SS RS 504393 * $p=0.0045$; $n=6-10$). RS 504393 treatment had no effect on B6;129 temperature preference (Bonferroni multiple comparison test B6;129 vehicle vs. B6;129 RS 504393 $p=0.7665$).