A Hypothalamus increased expression in: Control versus all other reproductive and parental stages control female male female male 4733 5000 -log10(adj. p-value) 4588 4629 4498 4479 DEGs w/ + LFC 4247 4274 4074 4151 4000 3809 3609 2908 3000 2000 1000 control ay 'controls control vs. natch control vs. ratch -2.5 0.0 2.5 -5.0 -2.5 0.0 Log-fold change (LFC) Nest-building versus all other parental stages Comparison of sequential parental stages female female male male 500 480 1697 DEGs w/ + LFC 300 200 100 393 1500 1000 149 520 500 97 86 83 3 3

