## **Average DNA Transposon Density (Upstream and Downstream)** 500 1000 1500 2000 2500 -38-39 -40 -41 -42 Window Size -43 1000 10000 3000 3500 4000 4500 5000 1500 -38 Gene Expression (Log(2) TPM) 2000 -39 2500 -40 3000 -41 3500 -42 4000 -43 4500 500 5500 6000 6500 7000 7500 5000 -38 **-**-39 5500 -40 6000 -41 6500 -42 7000 -43 7500 8000 8000 8500 9000 9500 10000 8500 -38 9000 -39 9500 -40 -41 -42 -43 0 1 1 0 i Ö . 1 Ö 0 Tranposon Density by Window