A: TF Shannon diversity 1.0 constitutive variable median TF Shannon diversity 8.0 0.6 -0.4 -0.2 0.0 **B:** TF family Shannon diversity median TF family Shannon diversity constitutive variable 0.04 -0.02 0.00 - $-0.02 \cdot$ -0.04 --200 -800 -600 -1400-1200-1000-4000

position upstream of ATG