Associated Gene: AR (Peak locus: chrX:66830000-66936000; Peak name=pX.172; Peak width=106kb) Copy number alterations 60 Gain 40 Loss 20 Duplication & deletion events DUP DEL 60 40 Number of samples DUP 20 DEL 0 20 SV type DUP 90 Number of samples BND 60 INS 30 INV DEL 66,900,000 67,200,000 67,500,000 66,600,000 10.0 7.5 H3K27ac 5.0 2.5 0.0 Region(s) of interest enhancers EDA2R (-) AR (+) AR expression by SV type in peak pX.172 (CN neutral samples only) AR expression with the presence and absence of CN at AR/peak regions (G=gene, P=Peak, N,A,D=CN events) AR expression in SV and non–SV samples 20 ⊤ 0.13 0.85 25p=0.00005 0.93 0.0082 15-0.016 0.2 0.038 15-20 0.00056 Log2(expression) Log2(expression) Log2(expression) 1e-07 10-15-10-10 5-GA/PN (n=2) GN/PN (n=18) GN/PA (n=12) GA/PA (n=68) non-SVs (n=14) BND (n=1) DÚP (n=13) INV (n=1) SVs (n=70) DĖL (n=3) non-SVs (n=30)