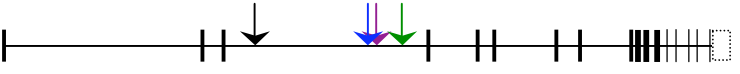
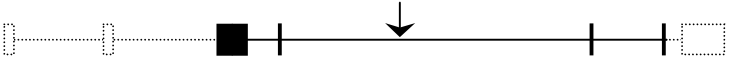
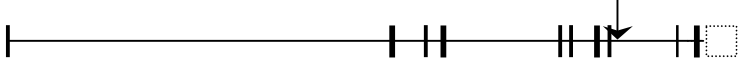


Supplemental Table 4: Binding elements detected on chromosome Xq28

Sequence	Gene	Location	Genomic Architecture
GGGTCA(AGTGG)AGTTCA GGTTCA(AGATCA)AGTTCA GGTTCA(AGATCA)AGTTCA GGTTCA(TATTTT)AGTTCA	FMR2 Fragile X mental retardation 2	Between exons 3 & 4	 147,287,685 - 147,787,753 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=gene&cmd=retrieve&dopt=default&list_uids=2334
AGTTCA(GGAAA)AGTTCA	CXorf6 Chromosome X open reading frame 6	Between exons 4 & 5	 149,284,288 - 149,353,007 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=gene&cmd=Retrieve&dopt=Graphics&list_uids=10046
AGTTCA(CAGAC)AGTTCA	GAB3 GRB2-associated binding protein 3	Between exons 8 & 9	 153,543,036 - 153,467,235 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=gene&cmd=Retrieve&dopt=Graphics&list_uids=139716

Arrows indicate approximate location of binding elements. Dotted lines indicate untranslated regions. Nine-digit numbers specify chromosomal locations (start-end) of the genes.

URL to Entrez Gene link provided.