



Genomic tracks for chromosome 10p11.21, showing a gene model, a recombination rate plot, and a recombination rate heatmap.

Gene Model:

- Gene: *SLC6A4*
- Transcript: *SLC6A4*
- Transcript: *SLC6A4-AS1*
- Transcript: *SLC6A4-AS2*
- Transcript: *SLC6A4-AS3*
- Transcript: *SLC6A4-AS4*
- Transcript: *SLC6A4-AS5*
- Transcript: *SLC6A4-AS6*
- Transcript: *SLC6A4-AS7*
- Transcript: *SLC6A4-AS8*
- Transcript: *SLC6A4-AS9*
- Transcript: *SLC6A4-AS10*
- Transcript: *SLC6A4-AS11*
- Transcript: *SLC6A4-AS12*
- Transcript: *SLC6A4-AS13*
- Transcript: *SLC6A4-AS14*
- Transcript: *SLC6A4-AS15*
- Transcript: *SLC6A4-AS16*
- Transcript: *SLC6A4-AS17*
- Transcript: *SLC6A4-AS18*
- Transcript: *SLC6A4-AS19*
- Transcript: *SLC6A4-AS20*
- Transcript: *SLC6A4-AS21*
- Transcript: *SLC6A4-AS22*
- Transcript: *SLC6A4-AS23*
- Transcript: *SLC6A4-AS24*
- Transcript: *SLC6A4-AS25*
- Transcript: *SLC6A4-AS26*
- Transcript: *SLC6A4-AS27*
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- Transcript: *SLC6A4-AS46*
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- Transcript: *SLC6A4-AS95*
- Transcript: *SLC6A4-AS96*
- Transcript: *SLC6A4-AS97*
- Transcript: *SLC6A4-AS98*
- Transcript: *SLC6A4-AS99*
- Transcript: *SLC6A4-AS100*

Recombination Rate Plot:

Recombination rate (cM/Mb) vs. Position (Mb). The plot shows a sharp peak in recombination rate at approximately 17.1 Mb, corresponding to the *SLC6A4* gene locus.

Recombination Rate Heatmap:

Heatmap showing recombination rate (cM/Mb) across the chromosome. The color scale ranges from 0 (blue) to 100 (red). The heatmap shows a strong correlation between recombination rate and position, with a sharp peak at approximately 17.1 Mb.