



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

Gene Model:

- Gene: *SLC6A1*
- Transcript: *SLC6A1*
- Transcript: *SLC6A1-AS1*
- Transcript: *SLC6A1-AS2*
- Transcript: *SLC6A1-AS3*
- Transcript: *SLC6A1-AS4*
- Transcript: *SLC6A1-AS5*
- Transcript: *SLC6A1-AS6*
- Transcript: *SLC6A1-AS7*
- Transcript: *SLC6A1-AS8*
- Transcript: *SLC6A1-AS9*
- Transcript: *SLC6A1-AS10*
- Transcript: *SLC6A1-AS11*
- Transcript: *SLC6A1-AS12*
- Transcript: *SLC6A1-AS13*
- Transcript: *SLC6A1-AS14*
- Transcript: *SLC6A1-AS15*
- Transcript: *SLC6A1-AS16*
- Transcript: *SLC6A1-AS17*
- Transcript: *SLC6A1-AS18*
- Transcript: *SLC6A1-AS19*
- Transcript: *SLC6A1-AS20*
- Transcript: *SLC6A1-AS21*
- Transcript: *SLC6A1-AS22*
- Transcript: *SLC6A1-AS23*
- Transcript: *SLC6A1-AS24*
- Transcript: *SLC6A1-AS25*
- Transcript: *SLC6A1-AS26*
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- Transcript: *SLC6A1-AS96*
- Transcript: *SLC6A1-AS97*
- Transcript: *SLC6A1-AS98*
- Transcript: *SLC6A1-AS99*
- Transcript: *SLC6A1-AS100*

Recombination Rate Plot:

Recombination rate (cM/Mb) vs. Position (Mb). The plot shows a sharp peak in recombination rate at approximately 17.15 Mb, corresponding to the *SLC6A1* gene locus.

Recombination Rate Heatmap:

Heatmap showing recombination rates across the chromosome. The color scale ranges from 0.0 (blue) to 1.0 (red). The heatmap shows a strong signal of recombination at the *SLC6A1* locus, with a peak in recombination rate at approximately 17.15 Mb.