Sequences of unknown transcripts from RNAseq → Prediction of coding potential → Potential protein coding transcripts

Screening for known RNA transcripts and predicted RNA models → Blast against Refseq, RNAdb → Putative novel protein coding transcripts

Potential noncoding transcripts → Manual in silico curation by remapping, comparative mapping, inspection of adjacent gene context at mapping position

Blast against ncRNAdb → Putative novel noncoding transcripts

Experimental validation of putative gene models and transcript expression → In silico validated coding and noncoding transcripts

RNAseq expression patterns of unknown transcripts