

**Supplemental Table S5.**

**Long non-coding RNA (lncRNA) Association with ECR**

<b>lncRNA Symbol</b>	<b>lnc RNA Genome Location</b>	<b>ECR</b>
antiPeg11	<u>rn4 chr6:134,182,037-134,187,063</u>	chr6:132.3
B2 SINE RNA	N/A	
BC1	N/A	
Beta-MHC antisense transcripts	N/A	
Bsr	<u>rn4 chr6:134,198,113-134,328,710</u>	chr6:132.3
Evf2	<u>rn4 chr4:31,722,073-31,770,275</u>	NA
GAS5	<u>rn4 chr13:76,594,781-76,598,102</u>	NA
H19	<u>rn4 chr1:202,822,926-202,825,601</u>	chr1:200.8
HOTAIR	<u>rn4 chr7:141,707,460-141,711,096</u>	NA
HOTAIRM1	<u>rn4 chr4:80,458,677-80,462,167</u>	NA
Khps1a	<u>rn4 chr10:106,639,811-106,641,100</u>	chr10:104.15
MEG9	<u>rn4 chr6:134,410,685-134,431,542</u>	chr6:132.3
NEAT1	<u>rn4 chr1:208,476,553-208,479,839</u>	chr1:206.4
PINC	<u>rn4 chr9:72,706,829-72,723,152</u>	chr9:72.25
RNCR3	<u>rn4 chr15:43,941,969-43,947,942</u>	NA
SNHG6	<u>rn4 chr5:8,840,469-8,842,569</u>	NA
SRA	<u>rn4 chr18:29,306,556-29,309,970</u>	NA
TUG1	<u>rn4 chr14:84,283,176-84,293,598</u>	chr14:82.2
Zfas1	<u>rn4 chr3:158,214,340-158,216,912</u>	NA
Zfx2as	<u>rn4 chr15:33,178,036-33,180,752</u>	chr15:31.9