

## Supplemental Figure 5

### Expression pattern of intronic snoRNAs during chicken muscle development

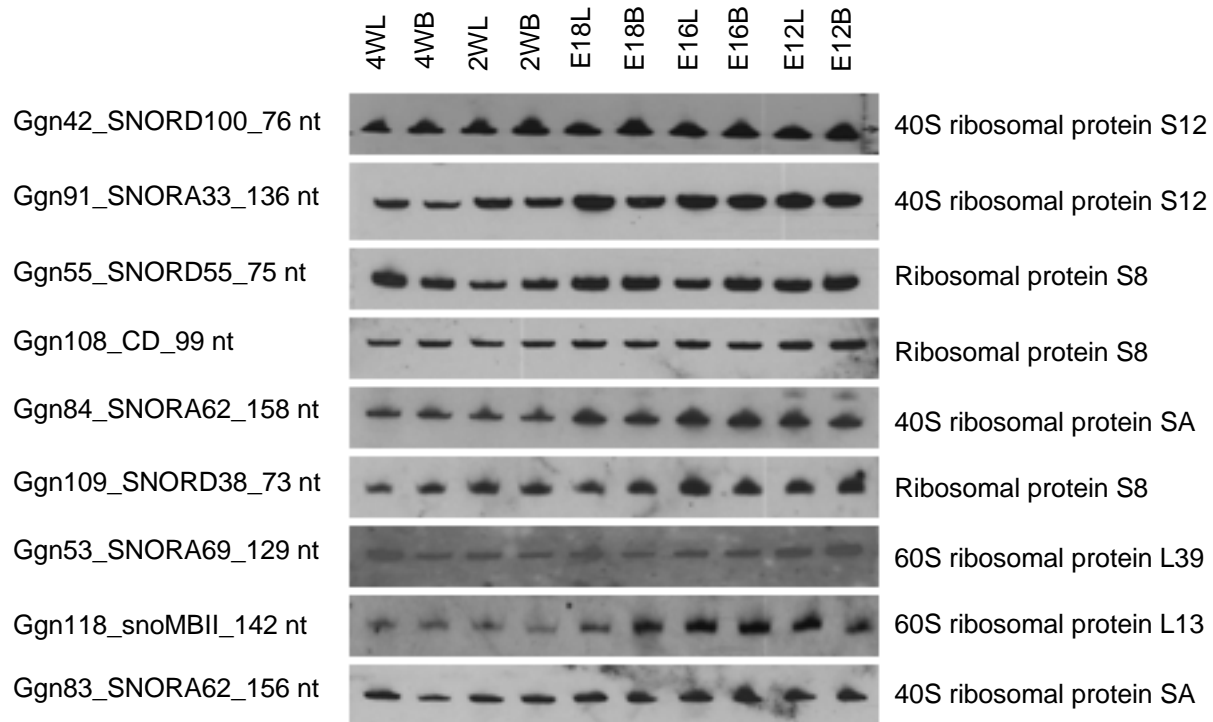
- Among the 102 snoRNAs, 89 were encoded by intronic regions of protein coding genes. Besides 13 snoRNAs in the right table, the expression pattern of the other 76 intronic snoRNAs during chicken muscle development were analyzed by Northern blot.
- The expression pattern of 76 intronic snoRNAs were shown as:
  - ✓ 9 snoRNAs hosted by ribosomal related genes
  - ✓ 9 hosted by translational related genes
  - ✓ 24 hosted by other functional genes
  - ✓ 34 hosted by unknown genes

- **Figure legend**

The expression pattern of each ncRNA during chicken muscle development was analyzed by Northern blot. The tested samples were from *Pectoralis major* muscles at different developmental stages of broiler (B) and layer (L) chickens, including embryonic days 12, 16, 18 (E12B, E12L, E16B, E16L, E18B, E18L), 2 weeks and 4 weeks after hatch (2WB, 2WL, 4WB, 4WL). Each ncRNA name was shown on the left of each blot, each host gene name was labeled on the right of each blot.

Ggn81	SNORD49_75 nt
Ggn102	SNORD51_71 nt
Ggn12	SNORD58_67 nt
Ggn30	SNORD58_67 nt
Ggn40	SNORD36_72 nt
Ggn69	SNORD16_104 nt
Ggn75	SNORD36_76 nt
Ggn6	SNORD18_66 nt
Ggn115	SNORA65_136 nt
Ggn49	SNORA72_134 nt
Ggn14	SNORD16_54 nt
Ggn122	SNORD15_143 nt
Ggn78	SNORD15_149 nt

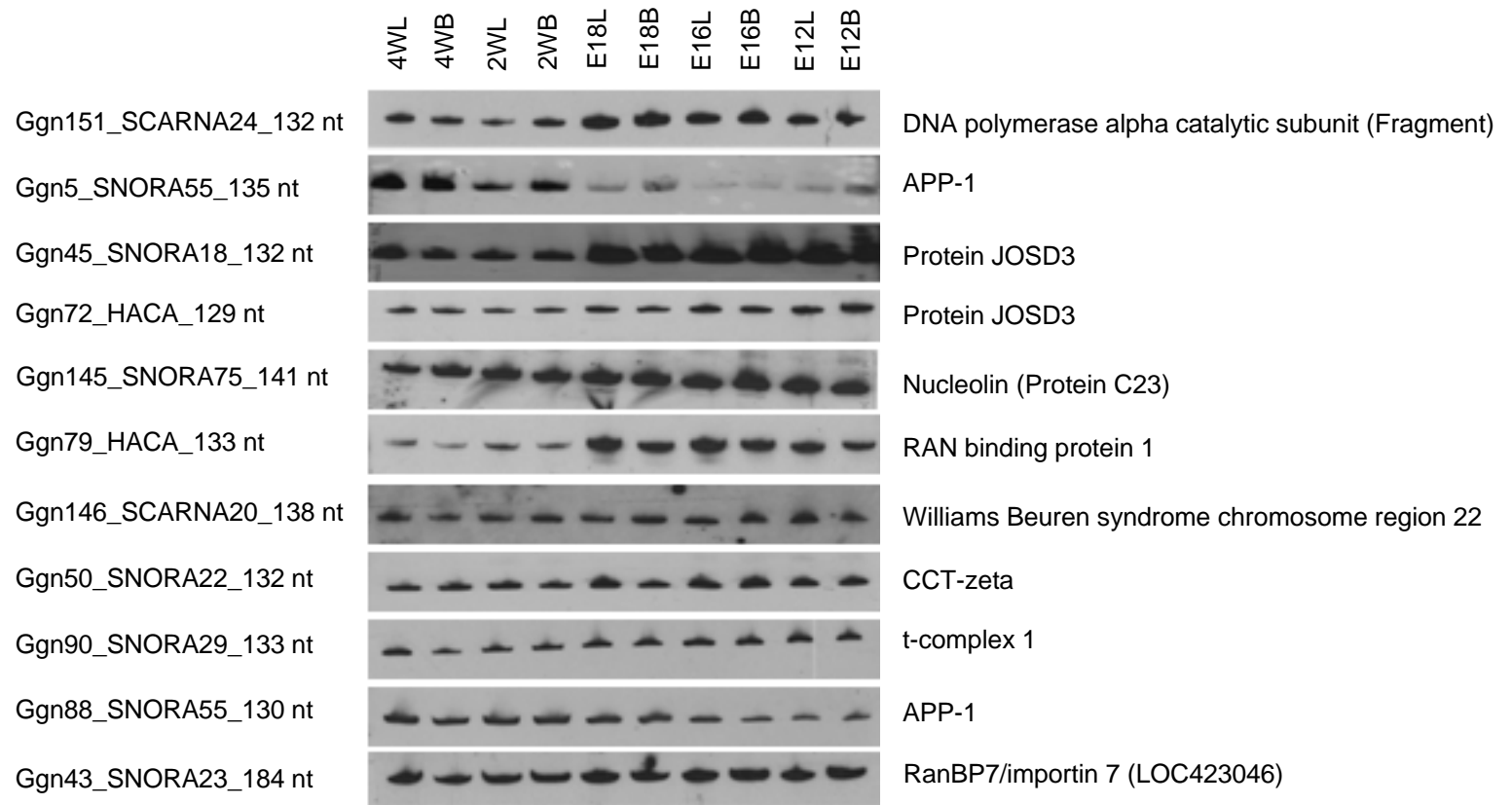
## 9 snoRNAs hosted by ribosomal related genes



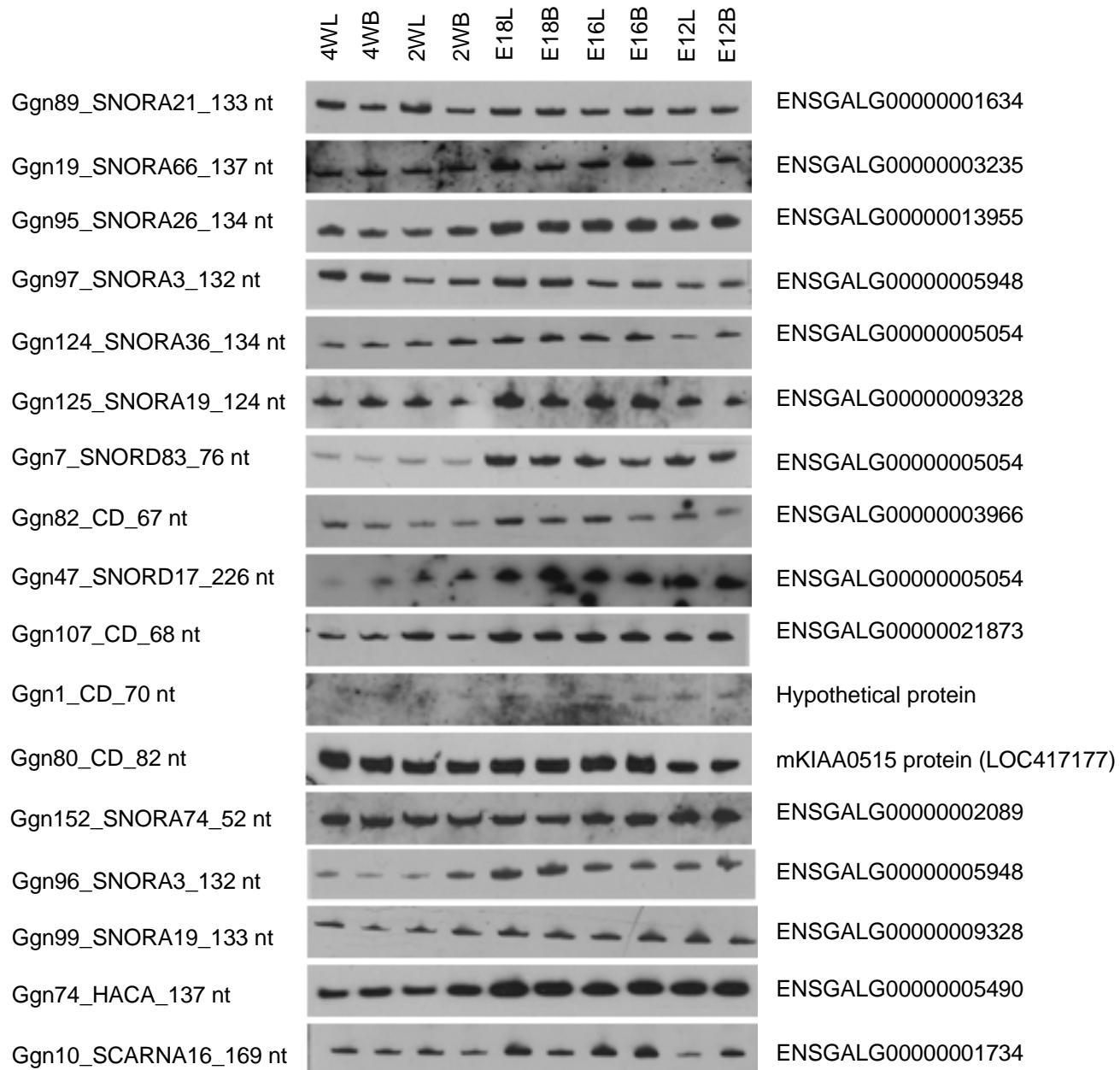




## 24 snoRNAs hosted by other functional genes (Continued)



# 34 snoRNAs hosted by unknown genes



# 34 snoRNAs hosted by unknown genes (Continued)

