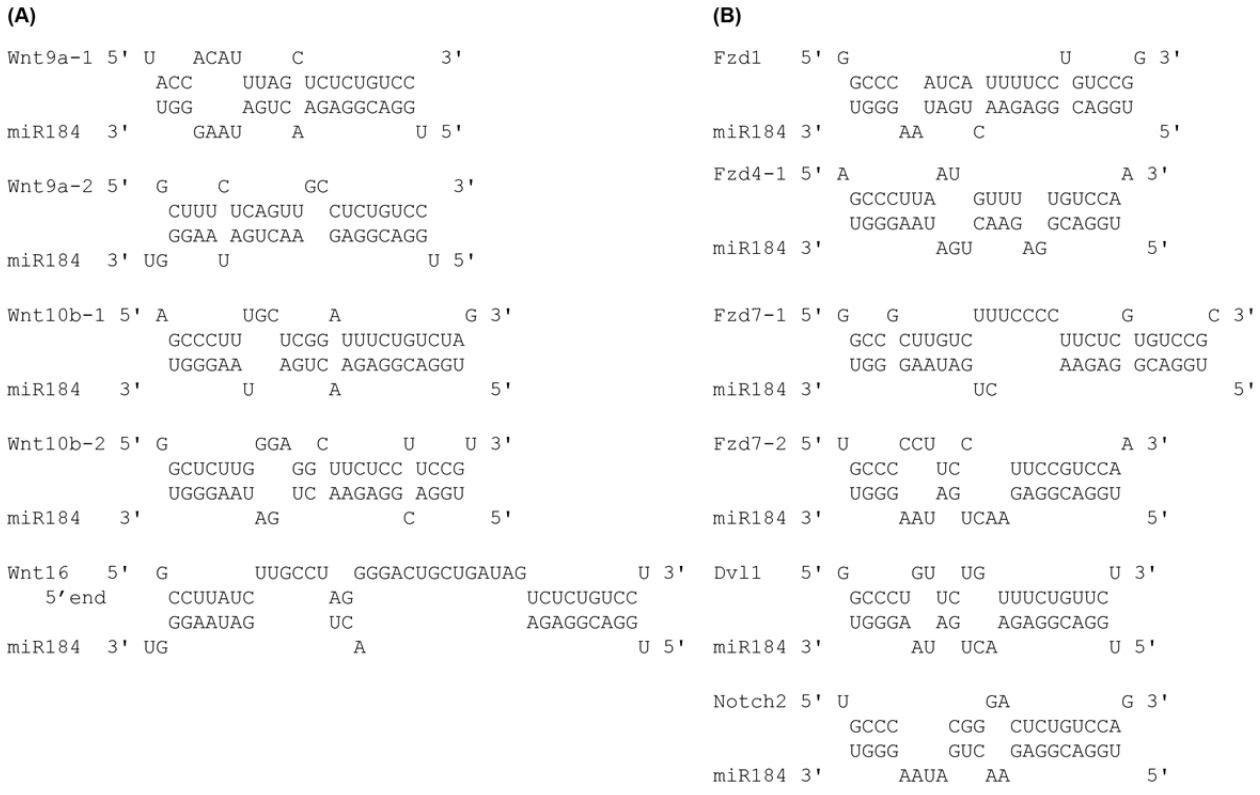
Supplemental Information.

Supplemental Figure 1: ***Predicted downstream targets of miR-184.*** Based on bioinformatics analyses, 11 candidate binding sites in Wnt ligands (**A**) and Wnt-related receptors (**B**) were selected for the miRNA target verification assays.

Supplemental Figure 2: ***Verification of downstream target of miR-184.*** Predicted binding site of the potential downstream targets of miR-184 was cloned into a miRNA target assay vector (pmirGLO, Promega, Madison, WI). The miRNA assay vector either containing scrambled sequence of miR-184 (**scrambled**, negative control), reverse-complementary sequence of miR-184 (**MIR-184**, positive control) or predicted target sequence of miR-184 (indicated target genes, Suppl. Fig. 1A and 1B) were co-transfected with 25 nM of either negative control miRNA (**Nc**) or miR-184 mimic (**miR-184**) into 293A cells and dual-luciferase assay was conducted at 48 hr post-transfection. Luciferase-based assay indicated the results on Wnt ligands (**A**) and Wnt-related receptors (**B**), respectively. These results showed that the expression of luciferase with the target site of *Fzd7* was significantly decreased by miR-184, while others showed insignificant changes or just minor reductions of firefly luciferase (mean ± SEM, n=3, * $p<0.05$, ** $p<0.01$, *** $p<0.001$ by student t-test).



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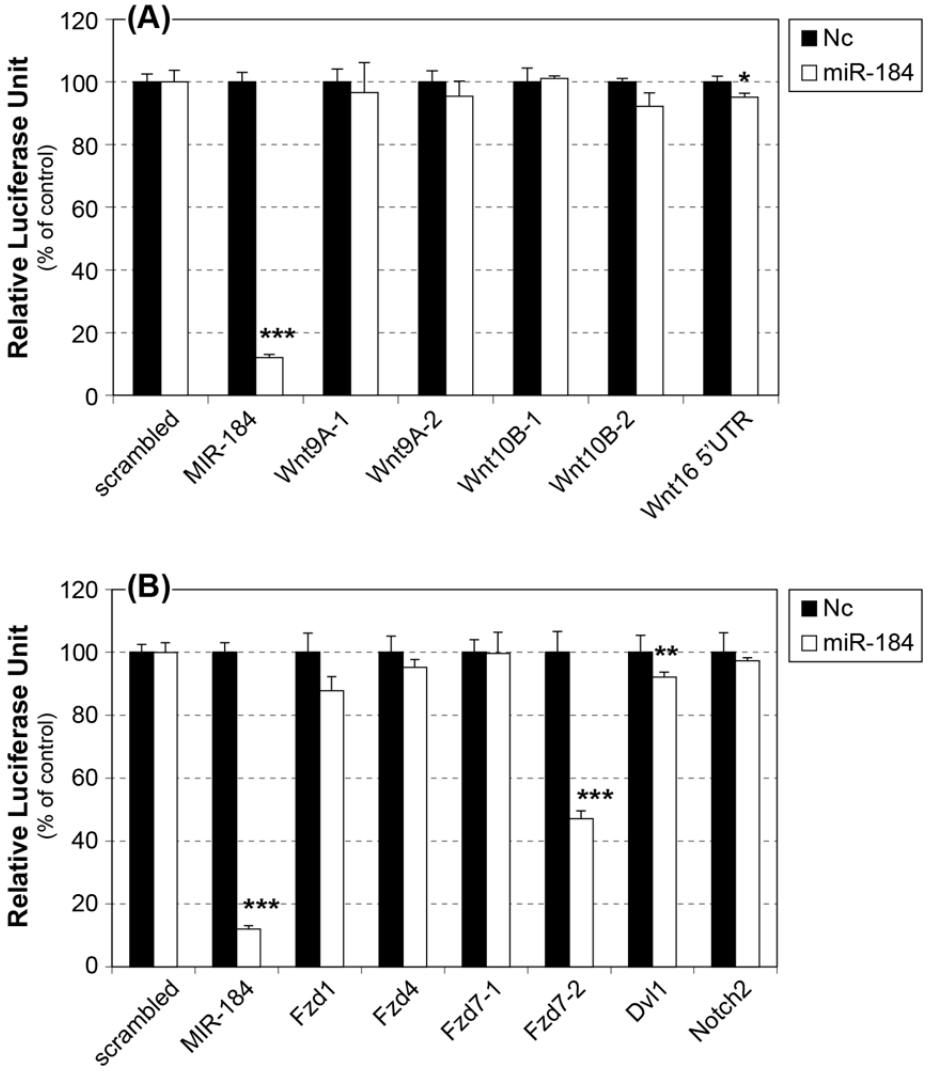

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