



Supplemental Fig. S20. Conservation level of indel-containing genes in reference pig genome. Indel-containing genes were categorized by dN/dS ratio when compared to gene sets of human (a) and mouse (b) genomes from Ensemble (release 83) (Supplemental URLs). Two sets were aligned by BLAST. Results with e -value $< 1e-20$ and identity > 90 were included. To avoid double counting, the best results were selected from every aligned region for synonymous and nonsynonymous mutation detection. The black horizontal lines represent overall percentage of indel-containing genes against the orthologs between the pig and human/mouse for each breed. By counting the numbers of orthologs and indel-containing genes against the genome wide background, we determined the statistical significance of enrichment of indel-containing genes for each group that was categorized by dN/dS ratio using the χ^2 test (***: $P < 0.001$, **: $0.001 < P < 0.01$, *: $0.01 < P < 0.05$).