**Supplementary Material**

**Genome-Wide Association Study of Growth-Associated Genetic Markers in a New Fast-Growing Carp Strain Using 2b-RAD Method**

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**Supplementary Figures**

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**Supplementary Figure 1.** Genome-wide features of the SNPs captured by 2b-RAD. a. Genomic distribution of the captured SNPs; b. Number of different nucleotide base mutations on the genome-wide level.

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**Supplementary Figure 2.** Distribution of SNPs observed on genome functional regions.