Supplementary Figure

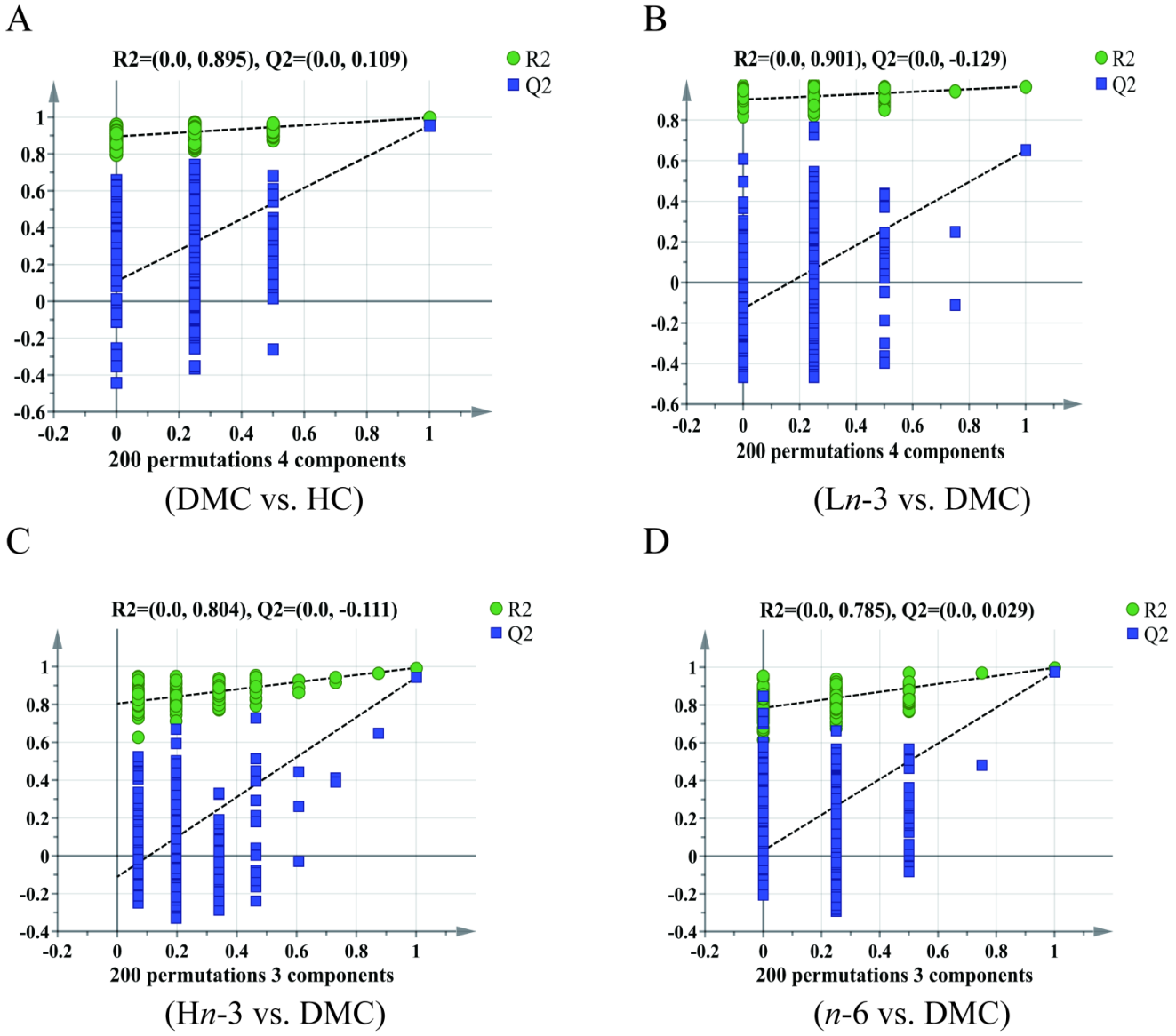


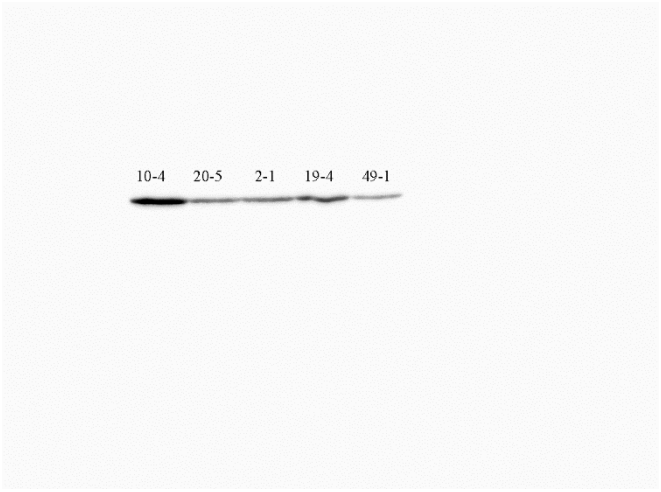
Figure S1. Permutation tests for pairwise PLS-DA between DMC and HC (**A**), L*n*-3 (**B**), H*n*-3 (**C**) and *n*-6 (**D**). All R^2Y and Q^2Y values were smaller than that in the actual model (generated by PLS-DA model). These results showed that the PLS-DA model had good predictive power without over-fitting. HC, healthy mice + normal diet (AIN-93G); DMC, diabetic mice + normal diet; L*n*-3, diabetes + diet of low-dose *n*-3 PUFA; H*n*-3, diabetes + diet of high-dose *n*-3 PUFA; *n*-6, diabetes + diet of *n*-6 PUFA.

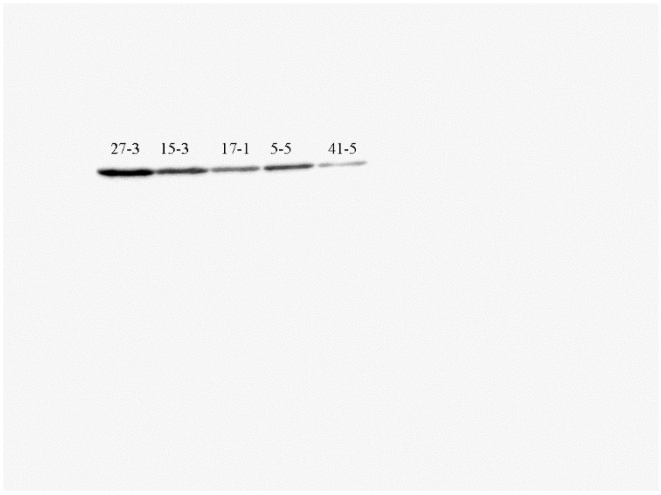
Raw bands for western blotting analysis

Group： HC, healthy mice + normal diet (AIN-93G); DMC, diabetic mice + normal diet; L*n*-3, diabetes + diet of low-dose *n*-3 PUFA; H*n*-3, diabetes + diet of high-dose *n*-3 PUFA; *n*-6, diabetes + diet of *n*-6 PUFA

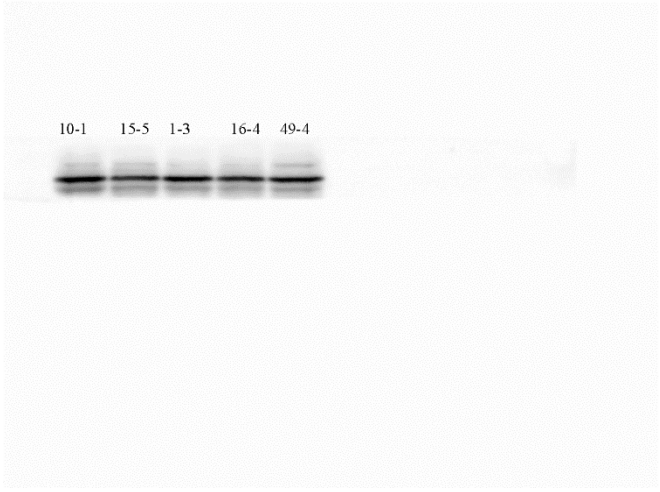
VEGF: 40 KDa; PGF: 25 KDa; IGF-1: 13 KDa; IGFBP3: 29 KDa and 46 KDa

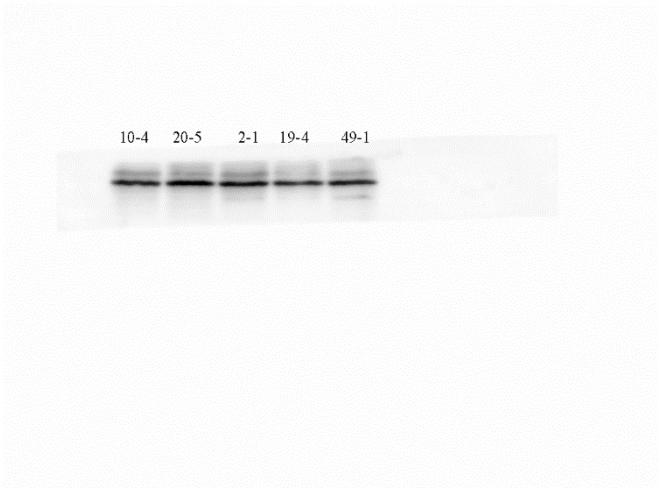
VEGF

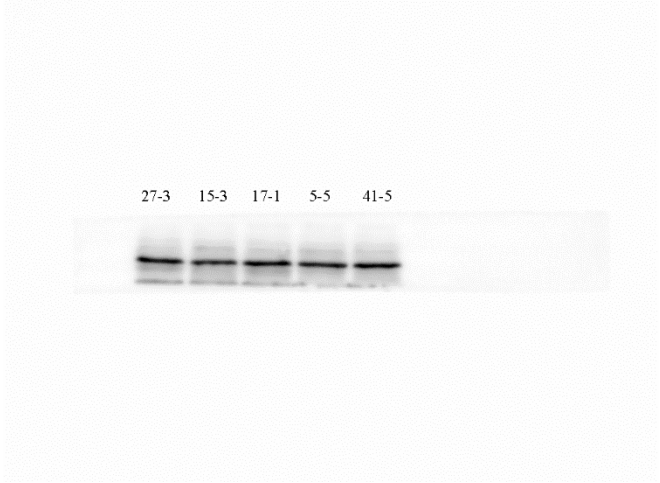




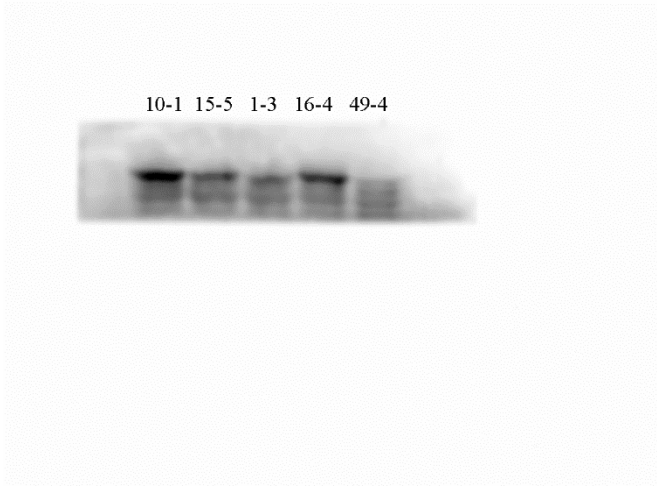
PGF

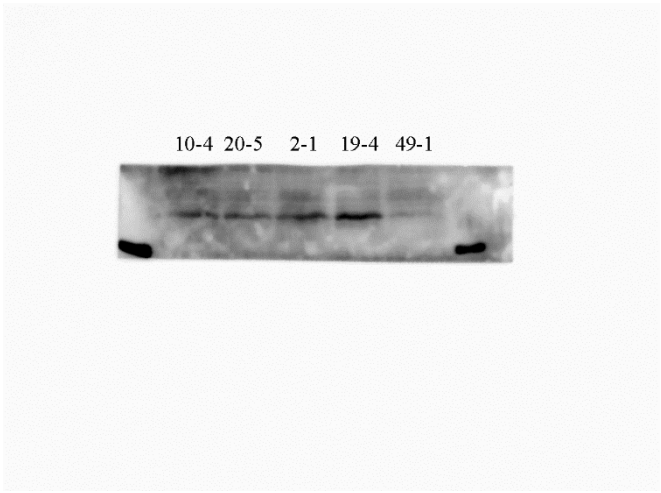


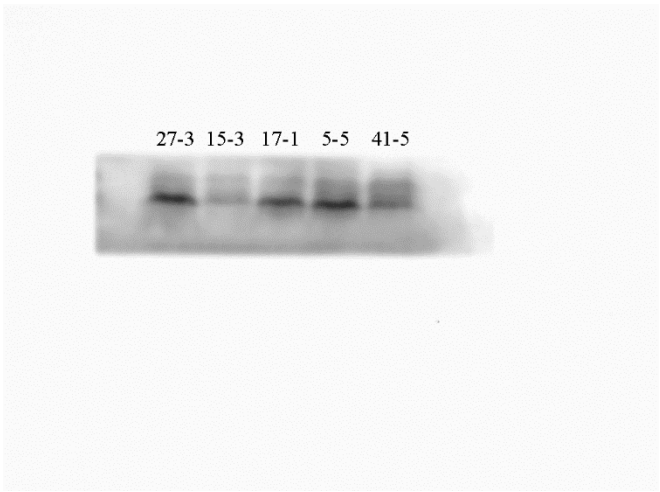




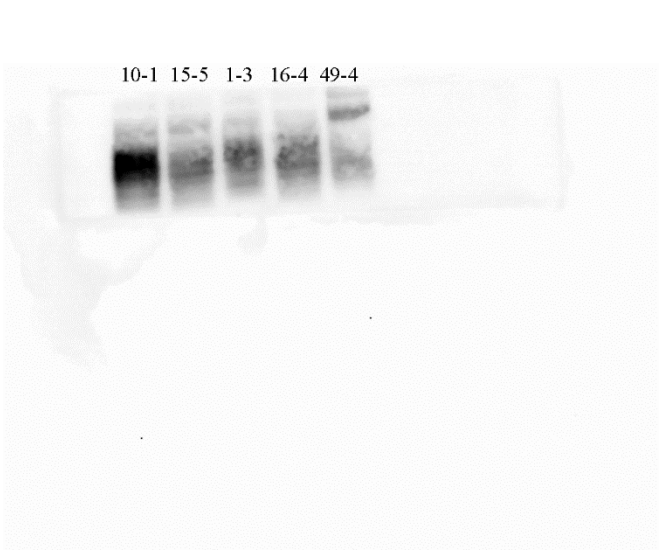
IGF-1

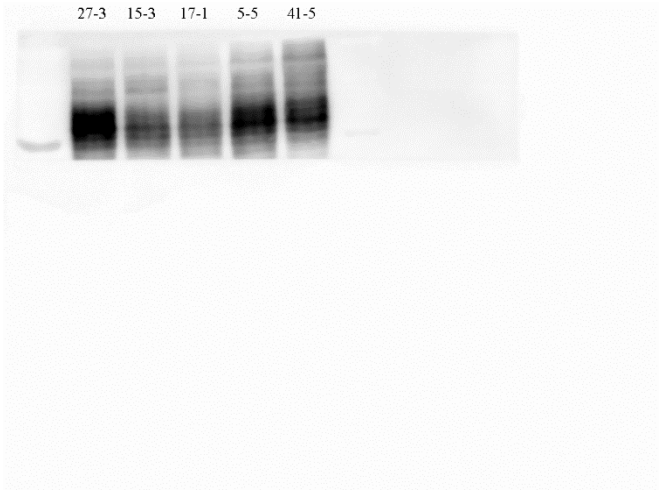


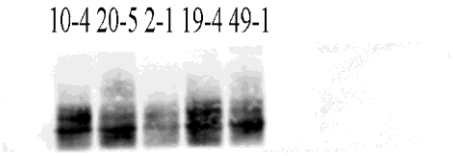




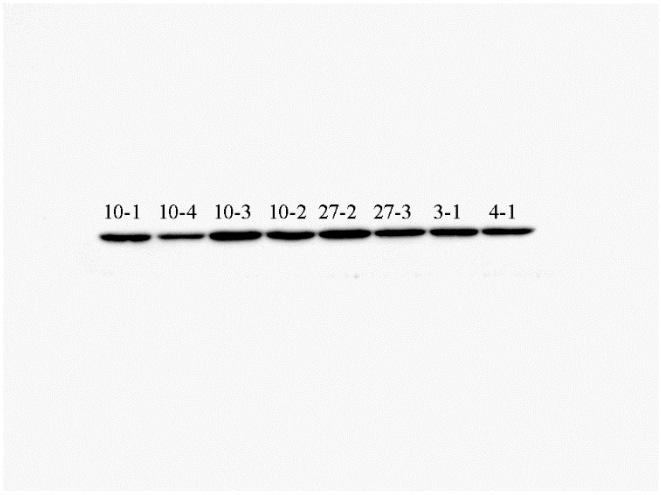
IGFBP3







β-actin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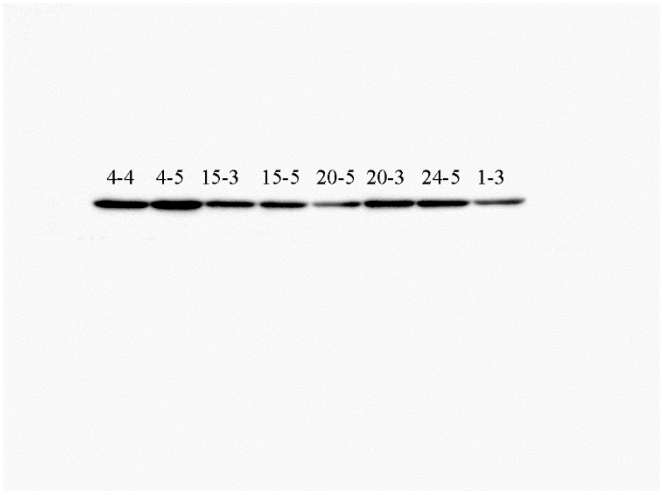
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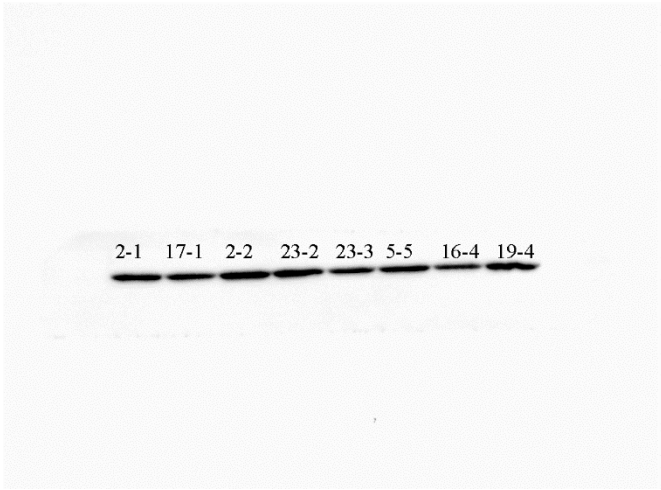
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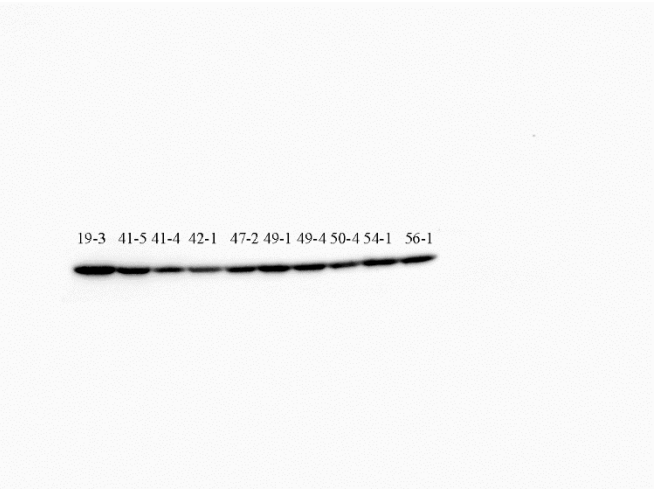
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