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Effects of hepatic protein tyrosine phosphatase 1B and methionine restriction on hepatic and whole-body glucose and lipid metabolism in mice

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Abbreviations

GSH, Glutathione; HPRT, Hypoxanthine-guanine phosphoribosyltransferase; IR, Insulin receptor ; MR, Methionine restriction; mTORC1, Mechanistic target of rapamycin complex 1; NAFLD, Non-alcoholic fatty liver disease; p70S6K, p70 ribosomal S6 kinase; PIP₃, Phosphatidylinositol (3,4,5)-trisphosphate; PKB, Protein kinase B; PTEN, Phosphatase and tensin homologue; PTP1B, Protein tyrosine phosphatase 1B; PTT, Pyruvate tolerance test; S6, Ribosomal protein S6; SHP2, SH2 domain-containing protein tyrosine phosphatase 2.

Conflict of interest: The authors have no competing financial interests to declare.

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