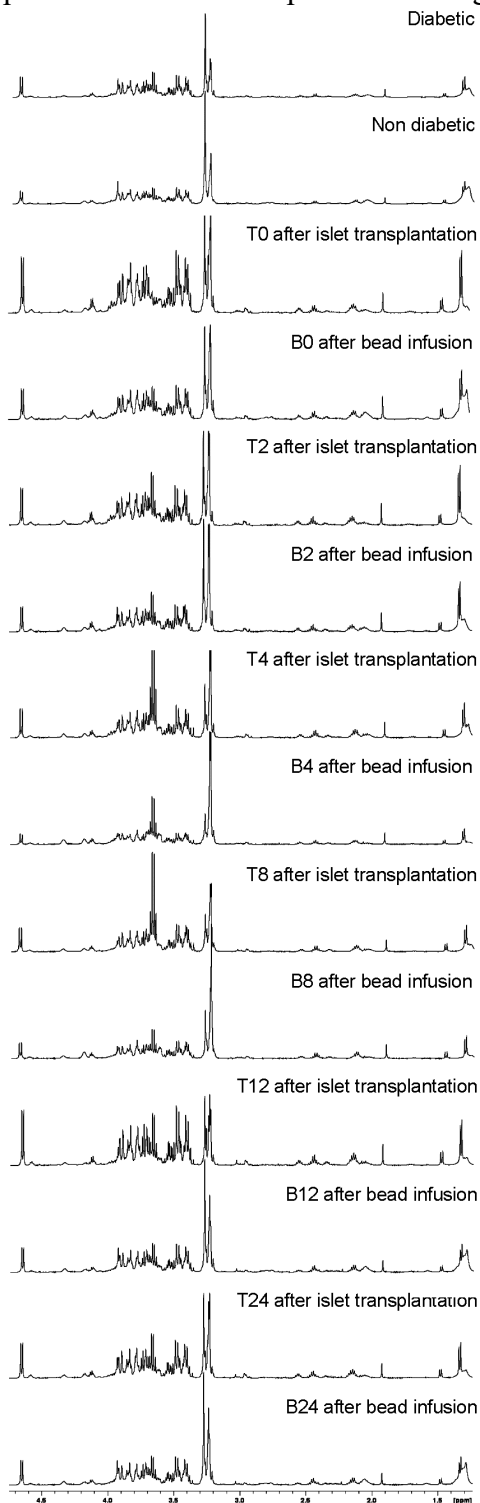
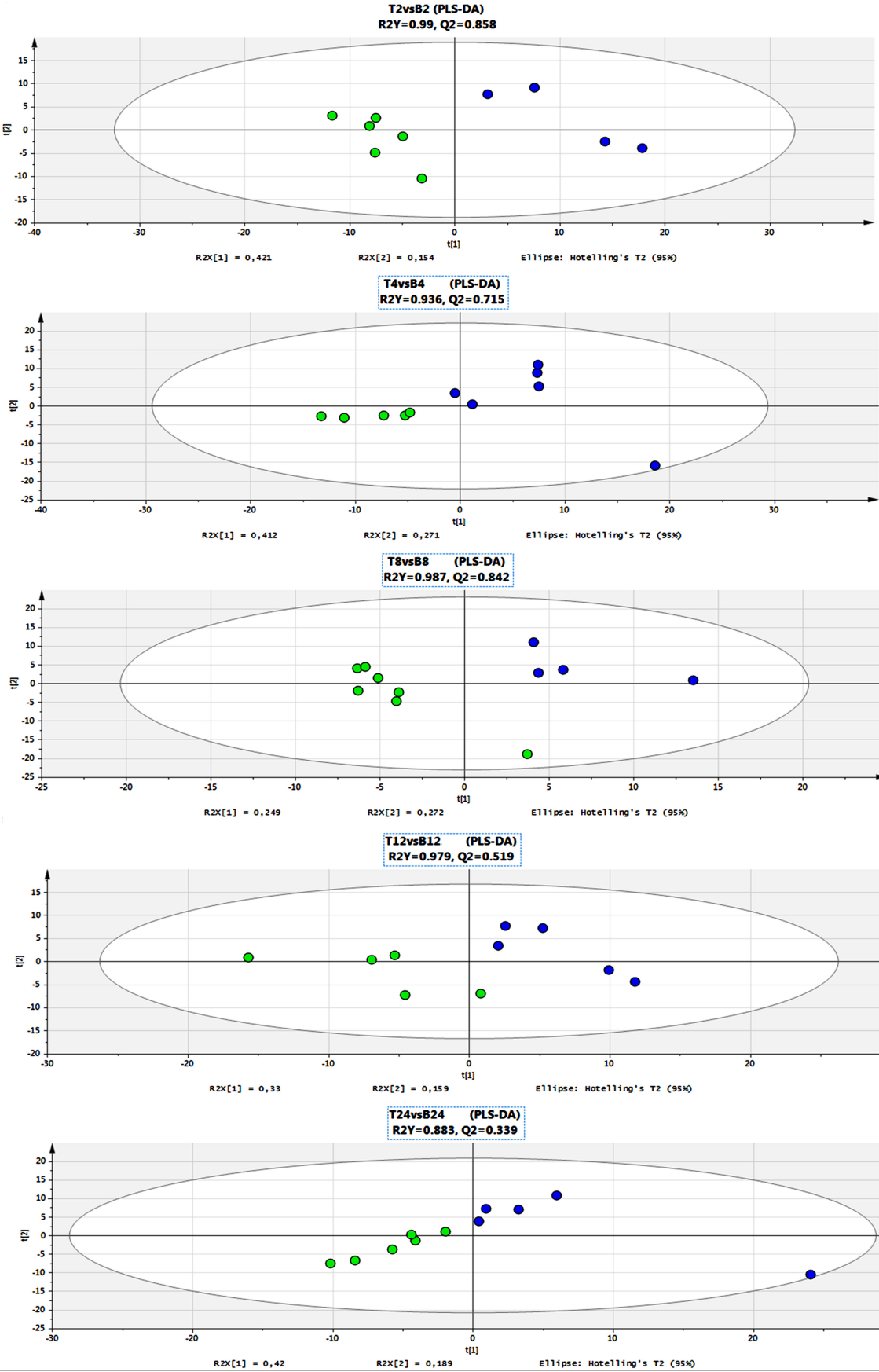


## Supporting Information

Figure S-1. 1D  $^1\text{H}$  HRMAS NMR CPMG spectra of liver tissue for each experimental condition. Each spectrum represents a sum of all spectra in each group.



**Figure S-2. Results of partial least square-discriminate analyses (PLS-DA) comparing time 2 group (T2) in green circles with other groups after islet transplantation (T4, T8, T12 and T24 in blue circles).**



**Figure S-3. Results of partial least square-discriminate analyses (PLS-DA).** Green circle: islet transplanted group (T), blue circle: bead transplanted rats (B).

