

Supplemental Table 1.

LC-MS/MS analysis for HLCs differentiated from WT iPS cells.

| WT TTR peptides | number of peptides | MH+ [Da] |
|-----------------------------------|---------------------------|-----------------|
| RYTIAALLSP <u>Y</u> SYSTTAVVTNPKE | 10 | 2646.38237 |
| YTIAALLSP <u>Y</u> SYSTTAVVTNPKE | 7 | 2491.12578 |
| VLDVAVRGSPAINVA <u>V</u> HVFR | 4 | 2020.70798 |
| GSPAINVA <u>V</u> HVFR | 5 | 1366.82610 |

LC-MS/MS analysis showed the D27 culture supernatant of HLCs differentiated from WT iPS cells. The RYTIAALLSPYYSYSTTAVVTNPKE, YTIAALLSPYYSYSTTAVVTNPKE, VLDVAVRGSPAINVAVHVFR and GSPAINVAVMHVFR mean 104-127, 105-127, 16-34 and 22-34 amino acids of TTR respectively. M + proton (H⁺; MH⁺) means the peptides operated in positive ion mode.

Supplemental Table 2.

LC-MS/MS analysis for HLCs differentiated from V30M iPS cells.

| WT TTR peptides | number of peptides | MH+ [Da] |
|--|---------------------------|-----------------|
| VLDVAVRGSPAINVA <u>V</u> HVFR | 1 | 2019.18125 |
| GSPAINVA <u>V</u> HVFR | 2 | 1367.38677 |
| ATTR V30M peptides | number of peptides | MH+ [Da] |
| VLDVAVRGSPAINVA <u>V</u> M HVFR | 1 | 2051.98551 |
| GSPAINVA <u>V</u> M HVFR | 3 | 1399.00945 |

LC-MS/MS analysis showed the D27 culture supernatant of HLCs differentiated from V30M iPS cells. The VLDVAVRGSPAINVA V/**M** HVFR and GSPAINVA V/**M** HVFR mean 16-34 and 22-34 amino acids of TTR respectively. M + proton (H⁺; MH⁺) means the peptides operated in positive ion mode.