

Supplementary Materials

Pt 1

| NO. | Gender | Age | Weight (kg) | FBG (mmol/l) |
|------|--------|-----|-------------|--------------|
| DN1 | male | 55 | 79 | 8.35 |
| DN2 | male | 51 | 70 | 6.01 |
| DN3 | male | 65 | 65 | 6.48 |
| DN4 | female | 56 | 72 | 8.15 |
| DN5 | female | 74 | 63 | 7.21 |
| DN6 | female | 49 | 82 | 8.57 |
| DN7 | female | 59 | 52 | 7.07 |
| DN8 | female | 74 | 62 | 5.59 |
| DN9 | male | 65 | 88 | 6.68 |
| DN10 | female | 47 | 71 | 13.82 |
| DN11 | male | 63 | 81 | 9.24 |
| DN12 | female | 78 | 48 | 16.09 |
| DN13 | female | 53 | 62 | 11.32 |
| DN14 | male | 55 | 70 | 11.93 |
| DN15 | female | 30 | 65 | 12.37 |
| DN16 | female | 73 | 72 | 8.17 |
| DN17 | male | 69 | 68 | 9.22 |
| DN18 | male | 46 | 75 | 13.77 |
| DN19 | female | 76 | 55 | 9.45 |
| DN20 | male | 36 | 60 | 5.23 |
| DN21 | male | 51 | 51 | 8.29 |
| DN22 | female | 56 | 67 | 8.2 |
| DN23 | female | 75 | 50 | 5.64 |
| DN24 | female | 65 | 60 | 5.8 |
| DN25 | male | 69 | 68 | 9.01 |
| DN26 | female | 79 | 54 | 8.17 |
| DN27 | female | 76 | 64 | 9.21 |
| DN28 | female | 50 | 58 | 7.37 |
| DN29 | male | 65 | 72 | 7.41 |
| DN30 | female | 46 | 66 | 14.83 |

| PBG (mmol/l) | TG (mmol/l) | TC (mmol/l) | HDL-C (mmol/l) |
|--------------|-------------|-------------|----------------|
| 11.32 | 0.65 | 2.62 | 0.84 |
| 6.82 | 0.85 | 2.65 | 0.93 |
| 8.43 | 2.23 | 4.79 | 1.43 |
| 12.41 | 1.07 | 3.98 | 1.32 |
| 10.2 | 1.27 | 4.61 | 1.44 |
| 15.3 | 1.31 | 5.38 | 1.37 |
| 6.91 | 0.66 | 4.5 | 1.54 |
| 8.23 | 1.19 | 4.16 | 1.4 |
| 10.57 | 2.07 | 4.32 | 0.97 |
| 15.44 | 7.94 | 3.51 | 0.82 |
| 12.35 | 1.55 | 2.66 | 0.81 |
| 18.43 | 0.6 | 6.54 | 2.27 |
| 13.62 | 0.76 | 5.09 | 1.7 |
| 10.76 | 2.01 | 5.78 | 1.1 |
| 15.28 | 1.79 | 5.39 | 1.05 |
| 7.56 | 2.14 | 3.91 | 0.98 |
| 18.57 | 0.86 | 3.79 | 1.67 |
| 15.05 | 4.37 | 4.64 | 1.03 |
| 14.24 | 1.2 | 2.49 | 0.94 |
| 6.45 | 1.08 | 3.89 | 1.62 |
| 15.47 | 1.33 | 4.43 | 1.63 |
| 7.14 | 1.23 | 5.6 | 1.7 |
| 7.26 | 2.73 | 6.05 | 1.34 |
| 8.45 | 1.84 | 5.89 | 1.87 |
| 12.6 | 1.33 | 4.86 | 1.92 |
| 9.72 | 1.51 | 4.53 | 1.07 |
| 7.8 | 1.86 | 5.11 | 1.77 |
| 6.53 | 1.9 | 10.73 | 1.5 |
| 8.91 | 1.1 | 4.59 | 1.73 |
| 16.72 | 4.83 | 8.17 | 1.11 |

| LDL-C (mmol/l) | HBA1C (%) | Up/Ugcr (mg/g) |
|----------------|-----------|----------------|
| 1.6 | 7.3 | 820 |
| 1.58 | 6.4 | 1244 |
| 3.15 | 7.2 | 952 |
| 1.9 | 8.8 | 1140 |
| 2.39 | 7.9 | 1336 |
| 3.55 | 11.8 | 758 |
| 2.26 | 5.6 | 1246 |
| 2.05 | 7.7 | 1050 |
| 2.45 | 8.8 | 895 |
| 4.16 | 9.8 | 764 |
| 1.41 | 9.4 | 972 |
| 3.06 | 11.7 | 521 |
| 2.4 | 9.2 | 784 |
| 3.9 | 8.5 | 1421 |
| 3.73 | 13.2 | 449 |
| 2.45 | 6.9 | 1204 |
| 1.87 | 12.3 | 1425 |
| 2.95 | 9.3 | 521 |
| 1.37 | 10.5 | 1342 |
| 2.13 | 6.3 | 546 |
| 2.59 | 10.6 | 951 |
| 3.24 | 6.3 | 365 |
| 3.75 | 6.1 | 478 |
| 3.47 | 7 | 413 |
| 2.56 | 8.5 | 1358 |
| 2.9 | 7.9 | 924 |
| 3.06 | 6.3 | 618 |
| 7.94 | 5.7 | 1027 |
| 2.6 | 7 | 653 |
| 6.04 | 12.8 | 1178 |

Pt 2

| NO. | Gender | Age | eight (kg) | FBG (mmol/l) | PBG (mmol/l) |
|-----|--------|-----|------------|--------------|--------------|
| C1 | male | 38 | 80 | 5.24 | 6.81 |
| C2 | female | 29 | 56 | 4.82 | 6.24 |
| C3 | female | 38 | 50 | 4.91 | 5.93 |
| C4 | male | 39 | 68 | 5.12 | 6.46 |
| C5 | male | 36 | 75 | 5.02 | 6.24 |
| C6 | female | 49 | 62 | 5.2 | 6.73 |
| C7 | male | 52 | 79 | 5.63 | 7.38 |
| C8 | female | 25 | 70 | 5.36 | 6.57 |
| C9 | female | 54 | 54 | 5.47 | 6.46 |
| C10 | female | 62 | 64 | 5.42 | 6.84 |
| C11 | female | 64 | 58 | 5.62 | 7.24 |
| C12 | female | 48 | 50 | 4.82 | 6.41 |
| C13 | female | 62 | 55 | 4.92 | 6.38 |
| C14 | male | 28 | 75 | 5.13 | 6.57 |
| C15 | male | 37 | 85 | 5.86 | 7.45 |
| C16 | male | 49 | 75 | 5.42 | 6.98 |
| C17 | male | 63 | 72 | 5.84 | 7.42 |
| C18 | male | 29 | 85 | 5.62 | 6.9 |
| C19 | female | 40 | 60 | 5.31 | 5.98 |
| C20 | male | 35 | 65 | 4.92 | 5.83 |
| C21 | female | 32 | 52 | 4.82 | 5.64 |
| C22 | male | 34 | 75 | 5.43 | 6.76 |
| C23 | male | 52 | 78 | 5.64 | 7.26 |
| C24 | female | 44 | 58 | 4.72 | 5.68 |
| C25 | male | 58 | 75 | 5.34 | 6.85 |
| C26 | male | 49 | 82 | 5.27 | 7.3 |
| C27 | female | 51 | 62 | 5.63 | 6.45 |
| C28 | female | 53 | 53 | 4.92 | 6.04 |
| C29 | male | 42 | 71 | 5.38 | 6.86 |
| C30 | female | 45 | 58 | 5.03 | 6.57 |

| TG (mmol/l) | TC (mmol/l) | HDL-C (mmol/l) | LDL-C (mmol/l) | HBA1C (%) |
|-------------|-------------|----------------|----------------|-----------|
| 2.41 | 5.32 | 1.24 | 3.04 | 5.8 |
| 1.92 | 4.63 | 1.36 | 2.82 | 5.6 |
| 1.43 | 3.54 | 1.23 | 2.35 | 5.4 |
| 2.25 | 5.02 | 1.15 | 3.12 | 5.8 |
| 1.52 | 3.72 | 0.9 | 2.43 | 5.7 |
| 1.67 | 4.72 | 1.07 | 2.82 | 5.9 |
| 2.25 | 5.25 | 0.92 | 3.24 | 6 |
| 2.03 | 3.47 | 1.36 | 2.46 | 5.8 |
| 1.52 | 3.23 | 1.03 | 2.82 | 5.9 |
| 1.74 | 3.52 | 1.25 | 3.26 | 5.8 |
| 1.52 | 4.55 | 1.13 | 2.74 | 6 |
| 1.55 | 3.51 | 1.32 | 2.43 | 5.4 |
| 2.35 | 3.42 | 1.29 | 2.33 | 5.6 |
| 2.43 | 5.22 | 1.2 | 3.44 | 5.8 |
| 2.52 | 5.54 | 0.9 | 3.25 | 6 |
| 2.31 | 5.23 | 1.12 | 3.26 | 5.8 |
| 1.78 | 5.61 | 0.92 | 3.05 | 5.7 |
| 2.34 | 4.72 | 1.26 | 2.68 | 5.4 |
| 1.54 | 3.25 | 1.36 | 2.83 | 5.5 |
| 1.57 | 4.56 | 1.25 | 2.04 | 5.2 |
| 1.36 | 3.88 | 1.13 | 1.94 | 5.3 |
| 1.54 | 5.72 | 0.95 | 3.47 | 5.7 |
| 2.33 | 4.87 | 1.12 | 3.12 | 5.8 |
| 1.46 | 3.54 | 1.27 | 2.28 | 5.4 |
| 2.39 | 5.17 | 0.89 | 3.28 | 5.7 |
| 1.92 | 5.25 | 1.03 | 3.05 | 5.9 |
| 1.71 | 4.84 | 1.23 | 2.91 | 5.5 |
| 2.01 | 4.25 | 1.17 | 2.18 | 5.2 |
| 1.79 | 3.83 | 1.03 | 2.94 | 5.4 |
| 1.52 | 3.78 | 1.12 | 2.18 | 5.7 |

Up/Ugcr (mg/g)

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12
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