

Fig.2 D

| Calpastatin expression | D-Glucose (mM), treated for 2 hr | | | |
|------------------------|----------------------------------|-------------------|-------------------|-------------------|
| | 5.5 | 30 | 60 | 120 |
| n1 | 100 | 103.875 | 119.323 | 114.443 |
| n2 | 100 | 117.165 | 130.266 | 116.572 |
| n3 | 100 | 97.265 | 129.268 | 104.628 |
| n4 | 100 | 90.535 | 120.343 | 126.357 |
| mean \pm S.E.M | 100 | 102.21 \pm 5.68 | 124.80 \pm 2.88 | 115.50 \pm 4.46 |
| <i>P</i> value | | ns | < 0.01 | ns |

| Calpastatin expression | D-Glucose (mM), treated for 24 hr | | | |
|------------------------|-----------------------------------|------------------|------------------|------------------|
| | 5.5 | 30 | 60 | 120 |
| n1 | 100 | 93.33 | 85.257 | 73.252 |
| n2 | 100 | 99.187 | 92.834 | 86.069 |
| n3 | 100 | 99.716 | 89.654 | 76.005 |
| n4 | 100 | 90.081 | 94.446 | 87.956 |
| mean \pm S.E.M | 100 | 95.58 \pm 2.34 | 90.55 \pm 2.03 | 75.07 \pm 4.35 |
| <i>P</i> value | | ns | ns | < 0.001 |

