**Table S1. Custom-designed Taqman low-density gene array targets.**

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| **Gene Name**  | **Assay ID** |
| SUR1 (ABCC8) | Hs00165861\_m1 |
| SUR2 (ABCC9) | Hs00245832\_m1 |
| α-actinin (ACTN1) | Hs00241650\_m1 |
| α1b Adrenergic Receptor (ADRA1B) | Hs00171263\_m1 |
| α1d Adrenergic Receptor (ADRA1D) | Hs00169865\_m1 |
| β1 Adrenergic Receptor (ADRB1) | Hs00265096\_s1 |
| β2 Adrenergic Receptor (ADRB2) | Hs00240532\_s1 |
| β3 Adrenergic Receptor (ADRB3)  | Hs00609046\_m1 |
| α1 subunit of Na/K Pump (ATP1A1)  | Hs00167556\_m1 |
| α2 subunit of Na/K Pump (ATP1A2)  | Hs00265131\_m1 |
| α3 subunit of Na/K Pump (ATP1A3)  | Hs00265163\_m1 |
| β1 subunit of Na/K Pump (ATP1B1)  | Hs00426868\_g1 |
| β2 subunit of Na/K Pump (ATP1B2)  | Hs00155922\_m1 |
| SERCA2a (ATP2A2)  | Hs01566028\_g1 |
| PMCA4 (ATP2B4)  | Hs00608066\_m1 |
| Cav1.2 (CACNA1C)  | Hs00167681\_m1 |
| Cav1.3 (CACNA1D) | Hs00167753\_m1 |
| Cav3.1 (CACNA1G)  | Hs00367969\_m1 |
| Cav3.2 (CACNA1H)  | Hs00234934\_m1 |
| Calmodulin 3 (CALM3) | Hs00270914\_m1 |
| CAM Kinase II Beta (CAMK2B)  | Hs00365799\_m1 |
| Calsequestrin 2 (CASQ2) | Hs00415779\_m1 |
| Caveolin 3 (CAV3) | Hs00154292\_m1 |
| CD4  | Hs00181217\_m1 |
| Choline Acetyltransferase (CHAT) | Hs00252848\_m1 |
| M1 Muscarinic Receptor (CHRM1) | Hs00912795\_m1 |
| M2 Muscarinic Receptor (CHRM2)  | Hs00265208\_s1 |
| M3 Muscarinic Receptor (CHRM3) | Hs00327458\_m1 |
| M4 Muscarinic Receptor (CHRM4)  | Hs00265219\_s1 |
| Calponin 1 (CNN1) | Hs00154543\_m1 |
| GAPDH | Hs00266705\_g1 |
| Connexin 43 (GJA1)  | Hs00748445\_s1 |
| Connexin 40 (GJA5)  | Hs00270952\_s1 |
| Connexin 45 (GJC1) | Hs00271416\_s1 |
| HCN1  | Hs00395037\_m1 |
| HCN2  | Hs00606903\_m1 |
| HCN4  | Hs00175760\_m1 |
| Iroquois 3 (IRX3) | Hs00735523\_m1 |
| Inositol 1,4,5-Triphosphate Receptor 1 (ITPR1) | Hs00181881\_m1 |
| Inositol 1,4,5-Triphosphate Receptor 3 (ITPR3) | Hs00609908\_m1 |
| Kv1.2 (KCNA2)  | Hs00270656\_s1 |
| Kv1.4 (KCNA4)  | Hs00357903\_s1  |
| Kv1.5 (KCNA5) | Hs00266898\_s1 |
| Kv1.6 (KCNA6) | Hs00266903\_s1 |
| Kvβ1 (KCNAB1) | Hs00963155\_m1 |
| Kvβ2 (KCNAB2) | Hs00186308\_m1 |
| Kvβ3 (KCNAB3) | Hs00190986\_m1 |
| Kv2.1 (KCNB1) | Hs00270657\_m1 |
| Kv3.4 (KCNC4) | Hs00428198\_m1 |
| Kv4.2 (KCND2) | Hs00273378\_m1 |
| Kv4.3 (KCND3) | Hs00542597\_m1 |
| mink (KCNE1) | Hs00264799\_s1 |
| MIRP1 (KCNE2) | Hs00270822\_s1 |
| MIRP2 (KCNE3)  | Hs00538801\_m1 |
| MIRP3 (KCNE4) | Hs00298953\_m1 |
| Kv11.1/HERG (KCNH2)  | Hs00165120\_m1 |
| KChIP2 (KCNIP2)  | Hs01552688\_g1 |
| Kir6.2 (KCNJ11) | Hs00265026\_s1 |
| Kir2.2 (KCNJ12) | Hs00266926\_s1 |
| Kir2.1 (KCNJ2) | Hs00265315\_m1 |
| Kir3.1 (KCNJ3) | Hs00158421\_m1 |
| Kir2.3 (KCNJ4) | Hs00705379\_s1 |
| Kir3.4 (KCNJ5) | Hs00168476\_m1 |
| Kir6.1 (KCNJ8) | Hs00270663\_m1 |
| TWIK-1 (KCNK1) | Hs00158428\_m1 |
| TREK-1 (KCNK2) | Hs00247951\_m1 |
| TASK-1 (KCNK3) | Hs00605529\_m1 |
| TWIK-2 (KCNK6) | Hs00191390\_m1 |
| Kv7.1/KvLQT1 (KCNQ1) | Hs00923522\_m1 |
| Atrial Natriuretic Peptide (NPPA) | Hs00383231\_m1 |
| Pannexin 1 (PANX1)  | Hs00209791\_m1 |
| Pannexin 2 (PANX2) | Hs00364525\_m1 |
| KChAP (PIAS3) | Hs00180666\_m1 |
| Phospholipase A2 (PLA2G4C) | Hs00234345\_m1 |
| Phospholipase A2 (PLA2G6)  | Hs00185926\_m1 |
| Phospholamban (PLN) | Hs00160179\_m1 |
| Protein Phosphatase 3 (PPP3CA) | Hs00174223\_m1 |
| Protein Tyrosine Kinase 2 (PTK2B) | Hs00169444\_m1 |
| Ryanodine Receptor 2 (RYR2) | Hs00181461\_m1 |
| Ryanodine Receptor 3 (RYR3) | Hs00168821\_m1 |
| Nav1.1 (SCN1A) | Hs00374696\_m1 |
| Navβ1 (SCN1B) | Hs00962350\_m1 |
| Navβ2 (SCN2B) | Hs00394952\_m1 |
| Navβ3 (SCN3B) | Hs00393218\_m1 |
| Nav1.5 (SCN5A) | Hs00165693\_m1 |
| Nav2.1 (SCN7A) | Hs00161546\_m1 |
| Nav1.7 (SCN9A) | Hs00161567\_m1 |
| Sodium-Calcium Exchanger 1 (SLC8A1)  | Hs00253432\_m1 |
| Sarcolipin (SLN) | Hs00161903\_m1 |
| T-box 2 (TBX2) | Hs00172983\_m1 |
| T-box 20 (TBX20) | Hs00396596\_m1 |
| T-box 3 (TBX3) | Hs00195612\_m1 |
| T-box 5 (TBX5) | Hs01052563\_m1 |
| Tyrosine Hydroxylase (TH)  | Hs01002182\_m1 |
| Vimentin (VIM) | Hs00185584\_m1 |