**Supplemental Table 1. Gene list for NanoString CodeSet.**

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| **Accession Number** | **Gene Name** |
| NM\_198834.1 | acetyl-CoA carboxylase alpha, transcript variant 1 |
| NM\_001018082.1 | adipogenin |
| NM\_004797.2 | adiponectin, C1Q and collagen domain containing |
| NM\_015999.3 | adiponectin receptor 1, transcript variant 1 |
| NM\_024551.2 | adiponectin receptor 2 |
| NM\_001647.3 | apolipoprotein D |
| NM\_001011645.1 | androgen receptor, transcript variant 2 |
| NM\_000103.3 | cytochrome P450, family 19, subfamily A, member 1, transcript variant 1 |
| NM\_020376.3 | patatin-like phospholipase domain containing 2 |
| **NM\_004048.2** | **beta-2-microglobulina** |
| NM\_004324.3 | BCL2-associated X protein, transcript variant beta |
| NM\_000657.2 | B-cell CLL/lymphoma 2, transcript variant beta |
| NM\_005347.3 | heat shock 70kDa protein 5 (glucose-regulated protein 78kDa) |
| NM\_001030272.1 | aryl hydrocarbon receptor nuclear translocator-like, transcript variant 2 |
| NM\_001752.2 | catalase |
| NM\_002982.3 | C-C motif chemokine ligand 2 |
| NM\_000072.3 | CD36 molecule, transcript variant 3 |
| NM\_001251.2 | CD68 molecule, transcript variant 1 |
| NM\_004364.2 | CCAAT/enhancer binding protein, alpha |
| NM\_005194.2 | CCAAT/enhancer binding protein, beta |
| NM\_002889.3 | retinoic acid receptor responder |
| NM\_001805.2 | CCAAT/enhancer binding protein, epsilon |
| **NM\_004859.2** | **clathrin, heavy polypeptide** |
| NM\_000245.2 | MET proto-oncogene, receptor tyrosine kinase, transcript variant 2 |
| NM\_001031847.2 | carnitine palmitoyltransferase 1A, transcript variant 2 |
| NM\_134442.2 | cAMP responsive element binding protein 1, transcript variant B |
| NM\_016243.2 | cytochrome b5 reductase 1 |
| NM\_000499.3 | cytochrome P450, family 1, subfamily A, polypeptide 1 |
| NM\_000104.3 | cytochrome P450, family 1, subfamily B, polypeptide 1 |
| NM\_017460.3 | cytochrome P450, family 3, subfamily A, polypeptide 4 |
| NM\_001379.2 | DNA (cytosine-5-)-methyltransferase 1, transcript variant 2 |
| NM\_022552.3 | DNA (cytosine-5-)-methyltransferase 3 alpha, transcript variant 3 |
| NM\_175850.1 | DNA (cytosine-5-)-methyltransferase 3 beta, transcript variant 6 |
| NM\_001935.3 | dipeptidyl-peptidase 4 |
| **NM\_001961.3** | **eukaryotic translation elongation factor 2** |
| **NM\_003754.2** | **eukaryotic translation initiation factor 3, subunit F** |
| NM\_004451.3 | estrogen-related receptor alpha |
| NM\_000125.2 | estrogen receptor 1 |
| NM\_001442.2 | fatty acid binding protein 4  |
| NM\_000639.1 | Fas ligand (TNF superfamily, member 6) |
| NM\_198580.1 | solute carrier family 27 (fatty acid transporter), member 1 |
| NM\_005094.3 | solute carrier family 27 (fatty acid transporter), member 4 |
| NM\_002015.3 | forkhead box O1 |
| **NM\_002046.3** | **glyceraldehyde-3-phosphate dehydrogenase** |
| NM\_000176.2 | nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor), transcript variant 1 |
| NM\_006516.2 | solute carrier family 2 (facilitated glucose transporter), member 1 |
| NM\_001042.2 | solute carrier family 2 (facilitated glucose transporter), member 4 |
| NM\_002103.4 | glycogen synthase 1 (muscle), transcript variant 1 |
| NM\_000581.2 | glutathione peroxidase 1, transcript variant 1 |
| NM\_145740.3 | glutathione S-transferase alpha 1 |
| NM\_000850.4 | glutathione S-transferase mu 4, transcript variant 1 |
| **NM\_000181.1** | **glucuronidase, beta** |
| NM\_003642.2 | histone acetyltransferase 1, transcript variant 1 |
| NM\_004964.2 | histone deacetylase 1 |
| NM\_003883.2 | histone deacetylase 3 |
| NM\_006037.3 | histone deacetylase 4 |
| NM\_000601.4 | hepatocyte growth factor (hepapoietin A; scatter factor), transcript variant 1 |
| NM\_001530.2 | hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor), transcript variant 1 |
| NM\_001197325.1 | aryl hydrocarbon receptor nuclear translocator, transcript variant 4 |
| **NM\_000194.1** | **hypoxanthine phosphoribosyltransferase 1** |
| NM\_001017963.2 | heat shock protein 90kDa alpha (cytosolic), class A member 1, transcript variant 1 |
| NM\_000619.2 | interferon, gamma |
| NM\_000618.3 | insulin-like growth factor 1 (somatomedin C), transcript variant 4 |
| NM\_000875.2 | insulin-like growth factor 1 receptor |
| NM\_001127598.1 | insulin-like growth factor 2 (somatomedin A), transcript variant 3 |
| NM\_000597.2 | insulin-like growth factor binding protein 2, transcript variant 1 |
| NM\_001556.1 | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta |
| NM\_000576.2 | interleukin 1, beta |
| NM\_000572.2 | interleukin 10 |
| NM\_000877.2 | interleukin 1 receptor, type 1 |
| NM\_000600.1 | interleukin 6 (interferon, beta 2) |
| NM\_000208.1 | insulin receptor |
| NM\_005544.2 | insulin receptor substrate 1 |
| NM\_003749.2 | insulin receptor substrate 2 |
| NM\_138693.2 | Kruppel-like factor 14 |
| NM\_000527.2 | low density lipoprotein receptor (familial hypercholesterolemia) |
| NM\_000230.2 | leptin |
| NM\_001003679.1 | leptin receptor, transcript variant 2 |
| NM\_005357.2 | lipase, hormone-sensitive |
| NM\_000237.2 | lipoprotein lipase |
| NM\_002332.2 | low density lipoprotein receptor-related protein 1 |
| NM\_032832.5 | low density lipoprotein receptor-related protein 11 |
| NM\_002336.1 | low density lipoprotein receptor-related protein 6 |
| NM\_033300.2 | low density lipoprotein receptor -related protein 8, apolipoprotein e receptor, transcript variant 2 |
| NM\_002438.2 | mannose receptor, C type 1 |
| NM\_002983.2 | chemokine (C-C motif) ligand 3 |
| NM\_004530.2 | matrix metallopeptidase 2 |
| NM\_004958.2 | FK506 binding protein 12-rapamycin associated protein 1 |
| NM\_005746.2 | nicotinamide phosphoribosyltransferase |
| NM\_006164.3 | nuclear factor (erythroid-derived 2)-like 2, transcript variant 1 |
| NM\_002518.3 | neuronal PAS domain protein 2 |
| NM\_000903.2 | NAD(P)H dehydrogenase, quinone 1, transcript variant 1 |
| NM\_005013.2 | nucleobindin 2 |
| NM\_001267045.1 | proteasome activator subunit 3, transcript variant 3 |
| NM\_000602.2 | serpin peptidase inhibitor, clade E, member 1 |
| NM\_002591.2 | phosphoenolpyruvate carboxykinase 1 |
| NM\_001145311.1 | perilipin 1, transcript variant 2 |
| NM\_013261.3 | peroxisome proliferator-activated receptor gamma, coactivator 1 alpha |
| **NM\_000291.2** | **phosphoglycerate kinase 1** |
| **NM\_021130.2** | **peptidylprolyl isomerase A, transcript variant 1** |
| **NM\_000942.4** | **peptidylprolyl isomerase B** |
| NM\_001001928.2 | peroxisome proliferator-activated receptor alpha, transcript variant 3 |
| NM\_006238.4 | peroxisome proliferator-activated receptor delta, transcript variant 1 |
| NM\_005037.5 | peroxisome proliferator-activated receptor gamma, transcript variant 4 |
| NM\_022114.2 | PR domain containing 16, transcript variant 1 |
| NM\_002574.2 | peroxiredoxin 1, transcript variant 1 |
| NM\_000963.1 | prostaglandin-endoperoxide synthase 2 |
| NM\_002827.2 | protein tyrosine phosphatase, non-receptor type 1 |
| NM\_002852.3 | pentraxin 3, long |
| NM\_003889.3 | nuclear receptor subfamily 1, group I, member 2, transcript variant 1 |
| NM\_006744.3 | retinol binding protein 4, plasma |
| NM\_021975.2 | v-rel reticuloendotheliosis viral oncogene homolog A |
| NM\_001193374.1 | resistin, transcript variant 2 |
| NM\_002957.4 | retinoid X receptor, alpha |
| NM\_012238.4 | sirtuin, transcript variant 1 |
| NM\_003955.3 | suppressor of cytokine signaling 3 |
| NM\_000454.4 | superoxide dismutase 1, soluble |
| NM\_003102.2 | superoxide dismutase 3, extracellular |
| **NM\_001172085.1** | **TATA box binding protein, transcript variant 2** |
| NM\_001146274.1 | transcription factor 7-like 2, transcript variant 1 |
| NM\_003266.3 | toll-like receptor 4, transcript variant 3, non-coding RNA |
| NM\_000594.2 | tumor necrosis factor |
| **NM\_178014.2** | **tubulin, beta class I** |
| NM\_003329.2 | thioredoxin |
| **NM\_021009.3** | **ubiquitin C** |
| NM\_021833.4 | uncoupling protein 1 |
| NM\_003355.2 | uncoupling protein 2 |
| NM\_001025366.1 | vascular endothelial growth factor A, transcript variant 1 |
| NM\_003383.3 | very low density lipoprotein receptor, transcript variant 1 |
| NM\_005080.2 | X-box binding protein 1, transcript variant 1 |

a Genes shown in bold were used as housekeeping genes.