

Appendix 1.2 Top 100 Secreted protein genes

Reference	Human Refseq (Oct. 2017) best blast result	logFC
TRINITY_DN67033_c0_g1	NP_000578.2_complement_component_C7_precursor_[Homo_sapiens]	9.249707286
TRINITY_DN33916_c0_g2	NP_068767.3_brevican_core_protein_isoform_1_precursor_[Homo_sapiens]	9.049721546
TRINITY_DN3071_c0_g1::	NP_001310298.1_WNT1-inducible-signaling_pathway_protein_2_isoform_1_precursor_[Homo_sapiens]	8.859682964
TRINITY_DN34801_c0_g3	NP_976076.1_CD59_glycoprotein_preproprotein_[Homo_sapiens]	8.508772333
TRINITY_DN36068_c0_g1	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	8.170244853
TRINITY_DN31259_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	8.112023186
TRINITY_DN37304_c2_g6	NP_085072.2_matriлин-2_isoform_b_precursor_[Homo_sapiens]	8.011253931
TRINITY_DN33812_c0_g1	NP_542376.2_collagen_alpha-1(XII)_chain_short_isoform_precursor_[Homo_sapiens]	7.940186449
TRINITY_DN31452_c0_g2	NP_612141.1_interleukin-17D_precursor_[Homo_sapiens]	7.804032822
TRINITY_DN33812_c0_g1	NP_542376.2_collagen_alpha-1(XII)_chain_short_isoform_precursor_[Homo_sapiens]	7.729872442
TRINITY_DN16057_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	7.588514503
TRINITY_DN30837_c0_g1	NP_001305870.1_tissue_factor_pathway_inhibitor_isoform_b_precursor_[Homo_sapiens]	7.421175958
TRINITY_DN33708_c4_g1	NP_002151.2_tenascin_precursor_[Homo_sapiens]	7.355993223
TRINITY_DN33271_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	7.35382594
TRINITY_DN37607_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	7.280831637
TRINITY_DN33601_c1_g1	NP_002449.2_mucin-5B_precursor_[Homo_sapiens]	7.263409216
TRINITY_DN33970_c3_g2	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	7.029850328
TRINITY_DN37607_c0_g2	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	6.874577799
TRINITY_DN37607_c0_g2	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	6.86628189
TRINITY_DN38296_c2_g1	NP_002395.1_microfibril-associated_glycoprotein_4_isoform_2_precursor_[Homo_sapiens]	6.849318041
TRINITY_DN30940_c0_g2	NP_694953.2_cartilage_intermediate_layer_protein_2_precursor_[Homo_sapiens]	6.819708351
TRINITY_DN38480_c6_g1	NP_001315564.1_tenascin-R_isoform_2_[Homo_sapiens]	6.789319095
TRINITY_DN35569_c0_g2	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	6.740942646
TRINITY_DN31825_c0_g2	NP_000123.1_coagulation_factor_VIII_isoform_a_preproprotein_[Homo_sapiens]	6.665607467
TRINITY_DN33970_c3_g1	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	6.647937319
TRINITY_DN38296_c2_g1	NP_002395.1_microfibril-associated_glycoprotein_4_isoform_2_precursor_[Homo_sapiens]	6.591968863
TRINITY_DN35777_c2_g1	NP_003604.3_cartilage_intermediate_layer_protein_1_preproprotein_[Homo_sapiens]	6.489392362
TRINITY_DN27721_c0_g1	NP_006278.1_tissue_factor_pathway_inhibitor_isoform_a_precursor_[Homo_sapiens]	6.385527087
TRINITY_DN33970_c3_g1	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	6.298662528
TRINITY_DN34691_c3_g1	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	6.283223312
TRINITY_DN56722_c0_g1	NP_003604.3_cartilage_intermediate_layer_protein_1_preproprotein_[Homo_sapiens]	6.244025474
TRINITY_DN37172_c0_g1	NP_001297249.1_lactadherin_isoform_c_[Homo_sapiens]	6.198159359
TRINITY_DN35777_c2_g1	NP_003604.3_cartilage_intermediate_layer_protein_1_preproprotein_[Homo_sapiens]	6.145442947
TRINITY_DN37259_c3_g6	NP_001994.2_ficolin-1_precursor_[Homo_sapiens]	6.144076839
TRINITY_DN37976_c1_g2	NP_004361.3_collagen_alpha-1(XII)_chain_long_isoform_precursor_[Homo_sapiens]	6.080688637
TRINITY_DN37716_c0_g3	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	6.051272299
TRINITY_DN37184_c1_g2	NP_001311024.1_collectin-10_isoform_2_[Homo_sapiens]	5.884719741
TRINITY_DN29914_c0_g1	NP_001157570.1_visceran_core_protein_isoform_4_precursor_[Homo_sapiens]	5.875561918
TRINITY_DN37976_c1_g4	NP_066933.1_collagen_alpha-1(XIV)_chain_precursor_[Homo_sapiens]	5.579810864
TRINITY_DN33583_c1_g8	NP_569057.1_collectin-12_[Homo_sapiens]	5.472782705
TRINITY_DN38743_c0_g1	NP_775733.3_papilin_precursor_[Homo_sapiens]	5.354427374
TRINITY_DN33974_c1_g2	NP_004377.2_neurocan_core_protein_precursor_[Homo_sapiens]	5.327630772
TRINITY_DN36989_c1_g4	NP_061978.6_tenascin-X_isoform_1_precursor_[Homo_sapiens]	5.320181076
TRINITY_DN26313_c0_g2	NP_003237.2_thrombospondin-1_precursor_[Homo_sapiens]	5.308076092
TRINITY_DN35849_c1_g3	NP_036596.3_tolloid-like_protein_1_isoform_1_precursor_[Homo_sapiens]	5.263215322
TRINITY_DN37515_c1_g6	NP_001247424.1_radixin_isoform_4_[Homo_sapiens]	5.253356974
TRINITY_DN35584_c0_g6	NP_000292.1_plasminogen_isoform_1_precursor_[Homo_sapiens]	5.083583331
TRINITY_DN33970_c3_g2	NP_001315564.1_tenascin-R_isoform_2_[Homo_sapiens]	5.079552293
TRINITY_DN32051_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	5.066428199
TRINITY_DN36989_c1_g3	NP_061978.6_tenascin-X_isoform_1_precursor_[Homo_sapiens]	5.05889056
TRINITY_DN37172_c0_g1	NP_005919.2_lactadherin_isoform_a_preproprotein_[Homo_sapiens]	5.052697494
TRINITY_DN37172_c0_g1	NP_001297249.1_lactadherin_isoform_c_[Homo_sapiens]	5.017485239
TRINITY_DN36731_c0_g1	NP_001002255.1_Endoglucanase	5.012719581
TRINITY_DN28113_c0_g1	NP_057525.1_cysteine-rich_motor_neuron_1_protein_precursor_[Homo_sapiens]	4.981854288
TRINITY_DN37259_c1_g3	NP_775628.1_ficolin-3_isoform_2_precursor_[Homo_sapiens]	4.954286389
TRINITY_DN33858_c2_g3	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	4.953887521
TRINITY_DN36361_c1_g6	NP_003237.2_thrombospondin-1_precursor_[Homo_sapiens]	4.906393745
TRINITY_DN36361_c1_g5	NP_996826.2_latent-transforming_growth_factor_beta-binding_protein_1_precursor_[Homo_sapiens]	4.853091458
TRINITY_DN32051_c0_g1	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_pedicle_domain_precursor_[Homo_sapiens]	4.839566248
TRINITY_DN12652_c0_g1	NP_115587.6_lysoyl_oxidase_homolog_4_precursor_[Homo_sapiens]	4.837417807
TRINITY_DN36786_c0_g4	NP_001164221.1_sushi_repeat-containing_protein_SRPX_isoform_1_precursor_[Homo_sapiens]	4.797640286

TRINITY_DN35632_c0_g1	NP_002514.1_neuronal_pentraxin-2_precursor_[Homo_sapiens]	4.789865251
TRINITY_DN33858_c2_g3	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	4.768954898
TRINITY_DN37716_c0_g1	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	4.766202482
TRINITY_DN33326_c1_g4	NP_001304677.1_matrilin-2_isoform_c_precursor_[Homo_sapiens]	4.761164532
TRINITY_DN37935_c0_g1	NP_004376.2_versican_core_protein_isoform_1_precursor_[Homo_sapiens]	4.746453643
TRINITY_DN35803_c0_g2	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_peptide_repeat_region_precursor_[Homo_sapiens]	4.707293809
TRINITY_DN35584_c0_g2	NP_001010931.1_hepatocyte_growth_factor_isoform_2_precursor_[Homo_sapiens]	4.68787993
TRINITY_DN34691_c3_g1	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	4.61786862
TRINITY_DN27537_c0_g1	NP_542181.1_WAP_four-disulfide_core_domain_protein_3_precursor_[Homo_sapiens]	4.507257647
TRINITY_DN35869_c2_g1	NP_003216.1_trefoil_factor_1_precursor_[Homo_sapiens]	4.501408874
TRINITY_DN33708_c3_g2	NP_003276.3_tenascin-R_isoform_1_precursor_[Homo_sapiens]	4.496886827
TRINITY_DN35869_c2_g1	NP_005414.1_trefoil_factor_2_precursor_[Homo_sapiens]	4.495163079
TRINITY_DN37716_c0_g6	NP_001297250.1_lactadherin_isoform_e_[Homo_sapiens]	4.48773949
TRINITY_DN7116_c0_g2::	NP_001305325.1_plasma_kallikrein_isoform_3_precursor_[Homo_sapiens]	4.468865532
TRINITY_DN33999_c0_g2	NP_071376.1_tenascin-N_precursor_[Homo_sapiens]	4.438980259
TRINITY_DN37572_c1_g1	NP_061978.6_tenascin-X_isoform_1_precursor_[Homo_sapiens]	4.398739976
TRINITY_DN36959_c0_g6	NP_699197.3_sushi_von_Willebrand_factor_type_A_EGF_and_peptide_repeat_region_precursor_[Homo_sapiens]	4.272491609
TRINITY_DN31447_c0_g1	NP_001304916.1_interleukin-17B_isoform_2_[Homo_sapiens]	4.242909573
TRINITY_DN33519_c0_g1	NP_001138890.1_tetratricopeptide_repeat_protein_28_[Homo_sapiens]	4.221417083
TRINITY_DN32366_c0_g1	NP_055108.2_neuronal_pentraxin_receptor_[Homo_sapiens]	4.195520571
TRINITY_DN31447_c0_g1	NP_001304916.1_interleukin-17B_isoform_2_[Homo_sapiens]	4.185885716
TRINITY_DN37874_c3_g2	NP_783862.2_lysozyme_g-like_protein_2_precursor_[Homo_sapiens]	4.162580563
TRINITY_DN37184_c1_g2	NP_001311024.1_collectin-10_isoform_2_[Homo_sapiens]	4.161803425
TRINITY_DN330598_c0_g1	NP_001293060.1_fibronectin_isoform_10_precursor_[Homo_sapiens]	4.142842115
TRINITY_DN36188_c6_g4	NP_783862.2_lysozyme_g-like_protein_2_precursor_[Homo_sapiens]	4.114996126
TRINITY_DN35869_c2_g1	NP_005414.1_trefoil_factor_2_precursor_[Homo_sapiens]	4.086718013
TRINITY_DN27537_c0_g1	NP_542181.1_WAP_four-disulfide_core_domain_protein_3_precursor_[Homo_sapiens]	4.086047832
TRINITY_DN35584_c0_g3	NP_000292.1_plasminogen_isoform_1_precursor_[Homo_sapiens]	4.064660197
TRINITY_DN37481_c1_g1	NP_570912.2_bone_morphogenetic_protein_4_isoform_a_prepropeptide_[Homo_sapiens]	4.028968996
TRINITY_DN30867_c0_g2	NP_001305681.1_collagen_alpha-1(XXI)_chain_isoform_b_precursor_[Homo_sapiens]	3.956789308
TRINITY_DN37184_c1_g2	NP_001311024.1_collectin-10_isoform_2_[Homo_sapiens]	3.950879227
TRINITY_DN35743_c0_g2	NP_114141.2_hemicentin-1_precursor_[Homo_sapiens]	3.908212079
TRINITY_DN33974_c1_g2	NP_004377.2_neurocan_core_protein_precursor_[Homo_sapiens]	3.905706048
TRINITY_DN37481_c1_g1	NP_001311024.1_collectin-10_isoform_2_[Homo_sapiens]	3.892315599
TRINITY_DN35869_c2_g1	NP_005414.1_trefoil_factor_2_precursor_[Homo_sapiens]	3.873305022
TRINITY_DN35913_c0_g1	NP_004361.3_collagen_alpha-1(XII)_chain_long_isoform_precursor_[Homo_sapiens]	3.87197848
TRINITY_DN35913_c0_g1	NP_004361.3_collagen_alpha-1(XII)_chain_long_isoform_precursor_[Homo_sapiens]	3.871710808
TRINITY_DN36672_c0_g2	NP_002760.1_trypsin-1_preproprotein_[Homo_sapiens]	3.869918983
TRINITY_DN35684_c0_g3	NP_005740.1_protein_Tob1_isoform_1_[Homo_sapiens]	3.842546855