| sample_id | sample | sample_alias | biosample_id | date | geo_loc_name | host | host_disease | lat_lon | vertical_depth | depth | hypsometric_area_exp_fraction | ref_biomaterial | sediment_type | samp_vol_we_dna_ext | source_material_id | size_frac | nucleic_acid_ext | nucleic_acid_amp | quality_score | misc_param | investigation_type | isolation_source | ecosystem | ecosystem_category | ecosystem_subtype | specific_ecosystem | project_name | sample_type | biome | feature | material | ecosystem_type | ecosystem_subtype | specific_ecosystem | agreement | comment | Bacteria,_archaea_and_viruses | Archaea | Bacteria | Viruses | Eukaryotes | Fungi | Plants | Protozoans | Metazoans | Viruses,_Bacteria,_Archaea,_Eukaryotes | Fungi,_Plants,_Protozoans,_Metazoans | Viruses,_Bacteria,_Archaea,_Eukaryotes,_Fungi,_Plants,_Protozoans,_Metazoans | Fungi,_Plants,_Protozoans,_Metazoans,_Viruses,_Bacteria,_Archaea,_Eukaryotes |
|---|---|---

| id | name | [illegible] | [illegible] | [illegible]

id	name	Unknown	TP_Unknown	gene_symbol	gene_synonyms	GO	GO_name	Ontology	Unknown_GO	Unknown_name	Ontology_GO	Unknown_GO_name	Ontology_GO_name	Unknown_Source	Unknown_Source_Score	Unknown_Evidence	Unknown_Evidence_Count	Unknown_Pubmed_Count	PrOnto_Score	PrOnto_Rank	PrOnto_Z_Score	PrOnto_Score_Gene	PrOnto_Rank_Gene	PrOnto_Z_Score_Gene	PrOnto_Score_GO_BP	PrOnto_Rank_GO_BP	PrOnto_Z_Score_GO_BP	PrOnto_Score_GO_MF	PrOnto_Rank_GO_MF	PrOnto_Z_Score_GO_MF	PrOnto_Score_GO_CC	PrOnto_Rank_GO_CC	PrOnto_Z_Score_GO_CC
hsa-miR-7975d-5p	28519	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7975d-3p	28520	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7977	28521	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7978-5p	28522	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7978-3p	28523	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7979	28524	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7980-5p	28525	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7980-3p	28526	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7981	28527	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7982-5p	28528	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7982-3p	28529	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7983	28530	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7984-5p	28531	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7984-3p	28532	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7985	28533	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7986-5p	28534	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7986-3p	28535	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7987	28536	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7988-5p	28537	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7988-3p	28538	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7989-5p	28539	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7989-3p	28540	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7990-5p	28541	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7990-3p	28542	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7991-5p	28543	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7991-3p	28544	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7992-5p	28545	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7992-3p	28546	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7993	28547	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7994-5p	28548	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7994-3p	28549	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7995-5p	28550	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7995-3p	28551	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7996-5p	28552	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7996-3p	28553	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7997	28554	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7998-5p	28555	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7998-3p	28556	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7999-5p	28557	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-7999-3p	28558	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8000-5p	28559	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8000-3p	28560	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8001	28561	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8002-5p	28562	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8002-3p	28563	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8003	28564	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8004	28565	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8005	28566	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8006-5p	28567	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8006-3p	28568	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8007	28569	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8008	28570	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8009	28571	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8010	28572	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8011-5p	28573	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8011-3p	28574	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8012	28575	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8013	28576	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8014	28577	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8015	28578	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8016	28579	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8017	28580	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8018	28581	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8019	28582	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8020	28583	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8021	28584	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8022-5p	28585	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8022-3p	28586	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8023	28587	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8024	28588	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8025	28589	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8026	28590	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8027	28591	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8028	28592	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8029-5p	28593	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8029-3p	28594	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8030	28595	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8031	28596	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8032	28597	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8033	28598	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8034	28599	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8035	28600	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8036	28601	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8037	28602	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8038	28603	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8039	28604	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8040	28605	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8041	28606	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8042-5p	28607	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8042-3p	28608	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8043	28609	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8044	28610	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8045	28611	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8046	28612	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8047	28613	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8048	28614	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8049	28615	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8050	28616	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8051	28617	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8052	28618	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8053	28619	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8054	28620	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8055	28621	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8056	28622	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8057	28623	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8058	28624	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8059	28625	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8060	28626	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8061	28627	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8062	28628	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8063	28629	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8064	28630	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8065	28631	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8066	28632	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8067	28633	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8068	28634	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8069	28635	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8070	28636	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8071	28637	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8072	28638	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8073	28639	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8074	28640	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8075	28641	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8076	28642	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8077	28643	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8078	28644	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8079	28645	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8080	28646	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8081	28647	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8082	28648	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8083	28649	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8084	28650	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8085	28651	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8086	28652	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8087	28653	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0
hsa-miR-8088	28654	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0	-	-	0

id	name	type	city	state	postal_code	latitude	longitude	stars	review_count	is_open	attributes	categories	hours	business_id	name	address	city	state	postal_code	latitude	longitude	stars	review_count	is_open	attributes	categories	hours
0x47e25b7dbb4d1	Lunch	Restaurant	Paoli	PA	19301	40.04072	-75.47659	4.5	126	1	{'RestaurantsTakeOut': True, 'RestaurantsReservations': False, 'RestaurantsGoodForGroups': True, 'RestaurantsPriceRange2': 2, 'BusinessParking': {'garage': False, 'street': False, 'validated': False, 'lot': True, 'valet': False}, 'BusinessAcceptsCreditCards': True, 'WheelchairAccessible': True, 'BikeParking': True, 'Ambience': {'romantic': False, 'intimate': False, 'classy': False, 'hipster': False, 'divey': False, 'touristy': False, 'trendy': False, 'upscale': False, 'casual': True}, 'GoodForMeal': {'dessert': False, 'latenight': False, 'lunch': True, 'dinner': False, 'brunch': False, 'breakfast': False}, 'HasTV': False, 'Caters': False, 'WiFi': 'free', 'RestaurantsAttire': 'casual', 'RestaurantsDelivery': False, 'OutdoorSeating': False, 'GoodForKids': True, 'NoiseLevel': 'quiet'}	Restaurants, Sandwiches	{'Monday': '11:0-15:0', 'Tuesday': '11:0-15:0', 'Wednesday': '11:0-15:0', 'Thursday': '11:0-15:0', 'Friday': '11:0-15:0', 'Saturday': '11:0-15:0', 'Sunday': '11:0-15:0'}	0x47e25b7dbb4d1:0x8f0a0a0a0a0a0a0a	Lunch	1 Lancaster Ave	Paoli	PA	19301	40.04072	-75.47659	4.5	126	1	{'RestaurantsTakeOut': True, 'RestaurantsReservations': False, 'RestaurantsGoodForGroups': True, 'RestaurantsPriceRange2': 2, 'BusinessParking': {'garage': False, 'street': False, 'validated': False, 'lot': True, 'valet': False}, 'BusinessAcceptsCreditCards': True, 'WheelchairAccessible': True, 'BikeParking': True, 'Ambience': {'romantic': False, 'intimate': False, 'classy': False, 'hipster': False, 'divey': False, 'touristy': False, 'trendy': False, 'upscale': False, 'casual': True}, 'GoodForMeal': {'dessert': False, 'latenight': False, 'lunch': True, 'dinner': False, 'brunch': False, 'breakfast': False}, 'HasTV': False, 'Caters': False, 'WiFi': 'free', 'RestaurantsAttire': 'casual', 'RestaurantsDelivery': False, 'OutdoorSeating': False, 'GoodForKids': True, 'NoiseLevel': 'quiet'}	Restaurants, Sandwiches	{'Monday': '11:0-15:0', 'Tuesday': '11:0-15:0', 'Wednesday': '11:0-15:0', 'Thursday': '11:0-15:0', 'Friday': '11:0-15:0', 'Saturday': '11:0-15:0', 'Sunday': '11:0-15:0'}
0x47e25b7dbb4d1	Lunch	Restaurant	Paoli	PA	19301	40.04072	-75.47659	4.5	126	1	{'RestaurantsTakeOut': True, 'RestaurantsReservations': False, 'RestaurantsGoodForGroups': True, 'RestaurantsPriceRange2': 2, 'BusinessParking': {'garage': False, 'street': False, 'validated': False, 'lot': True, 'valet': False}, 'BusinessAcceptsCreditCards': True, 'WheelchairAccessible': True, 'BikeParking': True, 'Ambience': {'romantic': False, 'intimate': False, 'classy': False, 'hipster': False, 'divey': False, 'touristy': False, 'trendy': False, 'upscale': False, 'casual': True}, 'GoodForMeal': {'dessert': False, 'latenight': False, 'lunch': True, 'dinner': False, 'brunch': False, 'breakfast': False}, 'HasTV': False, 'Caters': False, 'WiFi': 'free', 'RestaurantsAttire': 'casual', 'RestaurantsDelivery': False, 'OutdoorSeating': False, 'GoodForKids': True, 'NoiseLevel': 'quiet'}	Restaurants, Sandwiches	{'Monday': '11:0-15:0', 'Tuesday': '11:0-15:0', 'Wednesday': '11:0-15:0', 'Thursday': '11:0-15:0', 'Friday': '11:0-15:0', 'Saturday': '11:0-15:0', 'Sunday': '11:0-15:0'}	0x47e25b7dbb4d1:0x8f0a0a0a0a0a0a0a	Lunch	1 Lancaster Ave	Paoli	PA	19301	40.04072	-75.47659	4.5	126	1	{'RestaurantsTakeOut': True, 'RestaurantsReservations': False, 'RestaurantsGoodForGroups': True, 'RestaurantsPriceRange2': 2, 'BusinessParking': {'garage': False, 'street': False, 'validated': False, 'lot': True, 'valet': False}, 'BusinessAcceptsCreditCards': True, 'WheelchairAccessible': True, 'BikeParking': True, 'Ambience': {'romantic': False, 'intimate': False, 'classy': False, 'hipster': False, 'divey': False, 'touristy': False, 'trendy': False, 'upscale': False, 'casual': True}, 'GoodForMeal': {'dessert': False, 'latenight': False, 'lunch': True, 'dinner': False, 'brunch': False, 'breakfast': False}, 'HasTV': False, 'Caters': False, 'WiFi': 'free', 'RestaurantsAttire': 'casual', 'RestaurantsDelivery': False, 'OutdoorSeating': False, 'GoodForKids': True, 'NoiseLevel': 'quiet'}	Restaurants, Sandwiches	{'Monday': '11:0-15:0', 'Tuesday': '11:0-15:0', 'Wednesday': '11:0-15:0', 'Thursday': '11:0-15:0', 'Friday': '11:0-15:0', 'Saturday': '11:0-15:0', 'Sunday': '11:0-15:0'}

study	sample	TP	Tumorgenic	PDX	MMTV_Neg	MMTV_Neg_Event	MMTV_Pos	MMTV_Pos_Event	Mouse_ID	Treatment	PDX_Trio	PDX_Trio_ID	PDX_Trio_Set	PDX_Trio_Set_n	PDXgeDNA50X-WE-BL_freq	PDXgeDNA50X-WE-BL_freq_n	hg19_PDXq_DNA_WE_freq_n_11_12_freq	hg19_PDXq_DNA_WE_freq_n_11_12_BL_freq	hg19_PDXq_DNA_WE_freq_n_11_12_Mm_freq	hg19_PDXq_DNA50X-WE-BL_freq_n_11_12_freq	hg19_PDXq_DNA50X-WE-BL_freq_n_11_12_BL_freq	hg19_PDXq_DNA50X-WE-BL_freq_n_11_12_Mm_freq
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

id	name	ancestry	sex	age	phenotype	disease_ontology_id	disease_ontology_term	tissue_ontology_id	tissue_ontology_term	cell_ontology_id	cell_ontology_term	development	ancestry_score	SNuMAP_layer1	SNuMAP_layer2	SNuMAP_layer3	Disease	Therapeutic	PTPN1_Score	PTPN1_SE	PTPN1_Z	PTPN1_DAMB-SNN-SR_Score	PTPN1_DAMB-SNN-SR_SE	PTPN1_DAMB-SNN-SR_Z	hsa-miR-21_Score	hsa-miR-21_SE	hsa-miR-21_Z	hsa-miR-21_PTPN1_Score	hsa-miR-21_PTPN1_SE	hsa-miR-21_PTPN1_Z	hsa-miR-21_PTPN1-DAMB-SNN-SR_Score	hsa-miR-21_PTPN1-DAMB-SNN-SR_SE	hsa-miR-21_PTPN1-DAMB-SNN-SR_Z
Hsa-miR-21	Hsa-miR-21	Hsa-miR-21

id	title	ticker	sector	industry	country	city	address	phone	website	exchange	currency	ipo_date	delisted_date	is_active	market_cap	shares_outstanding	free_float	free_float_pct	is_etf	is_adr	is_spac	is_reit	is_preferred	is_delisted	is_shell_company	is_penny_stock	is_micro_cap	is_small_cap	is_mid_cap	is_large_cap	is_mega_cap	is_high_dividend	is_dividend_payer	is_dividend_cut	is_dividend_suspended	is_dividend_growth_5y	is_dividend_growth_10y	is_dividend_growth_25y	is_dividend_growth_50y	is_dividend_growth_100y	is_dividend_growth_200y	is_dividend_growth_300y	is_dividend_growth_400y	is_dividend_growth_500y	is_dividend_growth_600y	is_dividend_growth_700y	is_dividend_growth_800y	is_dividend_growth_900y	is_dividend_growth_1000y
1a2a1a7f2f8e	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

| id | name | Unknown | Unknown | Unknown

gene_symbol	gene_function	GO_id	GO_name	Mouse_ID	Human_ID	Mouse_Symbol	Human_Symbol	Mouse_Chromosome	Human_Chromosome	PPI_Score	PPI_Rank	PPI_Rank_100	PPI_Rank_Score	PPI_Rank_Score_Human	PPI_Rank_DAMIC-GWAS-MR_BE_Score	PPI_Rank_DAMIC-GWAS-MR_BE_Score_Human	log2FC_PPI_Score_Human_in_CL_Mus	log2FC_PPI_Score_Human_in_CL_Mus_Rank	log2FC_PPI_Score_Human_in_CL_Hum	log2FC_PPI_Score_Human_in_CL_Hum_Rank	log2FC_PPI_Score_Human_in_CL_Mus_DAMIC-GWAS-MR_BE_Score	log2FC_PPI_Score_Human_in_CL_Mus_DAMIC-GWAS-MR_BE_Score_Rank	log2FC_PPI_Score_Human_in_CL_Hum_DAMIC-GWAS-MR_BE_Score	log2FC_PPI_Score_Human_in_CL_Hum_DAMIC-GWAS-MR_BE_Score_Rank
Ccl2	chemokine (C-C motif) ligand 2	GO:0005576	extracellular region	ENSMUSG00000035385	ENSG00000108691	Ccl2	CCL2	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl7	chemokine (C-C motif) ligand 7	GO:0005576	extracellular region	ENSMUSG00000035373	ENSG00000108688	Ccl7	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl8	chemokine (C-C motif) ligand 8	GO:0005576	extracellular region	ENSMUSG00000035375	ENSG00000108700	Ccl8	CCL8	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl11	chemokine (C-C motif) ligand 11	GO:0005576	extracellular region	ENSMUSG00000035371	ENSG00000172156	Ccl11	CCL11	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl12	chemokine (C-C motif) ligand 12	GO:0005576	extracellular region	ENSMUSG00000035377	ENSG00000108688	Ccl12	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl17	chemokine (C-C motif) ligand 17	GO:0005576	extracellular region	ENSMUSG00000035364	ENSG00000102970	Ccl17	CCL17	11	16	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl19	chemokine (C-C motif) ligand 19	GO:0005576	extracellular region	ENSMUSG00000035360	ENSG00000172724	Ccl19	CCL19	11	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl20	chemokine (C-C motif) ligand 20	GO:0005576	extracellular region	ENSMUSG00000035358	ENSG00000115009	Ccl20	CCL20	11	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl21a	chemokine (C-C motif) ligand 21a	GO:0005576	extracellular region	ENSMUSG00000035356	ENSG00000137996	Ccl21a	CCL21	11	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl22	chemokine (C-C motif) ligand 22	GO:0005576	extracellular region	ENSMUSG00000035354	ENSG00000102962	Ccl22	CCL22	11	16	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl24	chemokine (C-C motif) ligand 24	GO:0005576	extracellular region	ENSMUSG00000035350	ENSG00000099942	Ccl24	CCL24	11	7	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl26	chemokine (C-C motif) ligand 26	GO:0005576	extracellular region	ENSMUSG00000035346	ENSG00000166817	Ccl26	CCL26	11	7	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl27a	chemokine (C-C motif) ligand 27a	GO:0005576	extracellular region	ENSMUSG00000035344	ENSG00000189377	Ccl27a	CCL27	11	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl28	chemokine (C-C motif) ligand 28	GO:0005576	extracellular region	ENSMUSG00000035342	ENSG00000176731	Ccl28	CCL28	11	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl1	chemokine (C-X-C motif) ligand 1	GO:0005576	extracellular region	ENSMUSG00000029380	ENSG00000163739	Cxcl1	CXCL1	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl2	chemokine (C-X-C motif) ligand 2	GO:0005576	extracellular region	ENSMUSG00000029379	ENSG00000081041	Cxcl2	CXCL2	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl3	chemokine (C-X-C motif) ligand 3	GO:0005576	extracellular region	ENSMUSG00000029378	ENSG00000163734	Cxcl3	CXCL3	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl5	chemokine (C-X-C motif) ligand 5	GO:0005576	extracellular region	ENSMUSG00000029375	ENSG00000124875	Cxcl5	CXCL5	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl9	chemokine (C-X-C motif) ligand 9	GO:0005576	extracellular region	ENSMUSG00000029373	ENSG00000138755	Cxcl9	CXCL9	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl10	chemokine (C-X-C motif) ligand 10	GO:0005576	extracellular region	ENSMUSG00000029371	ENSG00000169245	Cxcl10	CXCL10	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl11	chemokine (C-X-C motif) ligand 11	GO:0005576	extracellular region	ENSMUSG00000029370	ENSG00000169248	Cxcl11	CXCL11	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl12	chemokine (C-X-C motif) ligand 12	GO:0005576	extracellular region	ENSMUSG00000029367	ENSG00000089199	Cxcl12	CXCL12	6	10	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl13	chemokine (C-X-C motif) ligand 13	GO:0005576	extracellular region	ENSMUSG00000029365	ENSG00000156234	Cxcl13	CXCL13	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl14	chemokine (C-X-C motif) ligand 14	GO:0005576	extracellular region	ENSMUSG00000029363	ENSG00000145824	Cxcl14	CXCL14	5	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl15	chemokine (C-X-C motif) ligand 15	GO:0005576	extracellular region	ENSMUSG00000029361	ENSG00000174562	Cxcl15	CXCL15	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl16	chemokine (C-X-C motif) ligand 16	GO:0005576	extracellular region	ENSMUSG00000029360	ENSG00000174564	Cxcl16	CXCL16	5	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl17	chemokine (C-X-C motif) ligand 17	GO:0005576	extracellular region	ENSMUSG00000029358	ENSG00000189377	Cxcl17	CXCL17	5	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr1	chemokine (C-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000052336	ENSG00000164820	Ccr1	CCR1	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr2	chemokine (C-C motif) receptor 2	GO:0004950	chemokine receptor activity	ENSMUSG00000052335	ENSG00000121807	Ccr2	CCR2	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr3	chemokine (C-C motif) receptor 3	GO:0004950	chemokine receptor activity	ENSMUSG00000052334	ENSG00000183625	Ccr3	CCR3	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr4	chemokine (C-C motif) receptor 4	GO:0004950	chemokine receptor activity	ENSMUSG00000052333	ENSG00000183813	Ccr4	CCR4	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr5	chemokine (C-C motif) receptor 5	GO:0004950	chemokine receptor activity	ENSMUSG00000052332	ENSG00000160791	Ccr5	CCR5	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr6	chemokine (C-C motif) receptor 6	GO:0004950	chemokine receptor activity	ENSMUSG00000052331	ENSG00000112486	Ccr6	CCR6	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr7	chemokine (C-C motif) receptor 7	GO:0004950	chemokine receptor activity	ENSMUSG00000052330	ENSG00000126353	Ccr7	CCR7	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr8	chemokine (C-C motif) receptor 8	GO:0004950	chemokine receptor activity	ENSMUSG00000052329	ENSG00000179934	Ccr8	CCR8	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr9	chemokine (C-C motif) receptor 9	GO:0004950	chemokine receptor activity	ENSMUSG00000052328	ENSG00000173585	Ccr9	CCR9	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr10	chemokine (C-C motif) receptor 10	GO:0004950	chemokine receptor activity	ENSMUSG00000052327	ENSG00000184451	Ccr10	CCR10	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr1	chemokine (C-X-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029354	ENSG00000168329	Cxcr1	CXCR1	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr2	chemokine (C-X-C motif) receptor 2	GO:0004950	chemokine receptor activity	ENSMUSG00000029353	ENSG00000180871	Cxcr2	CXCR2	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr3	chemokine (C-X-C motif) receptor 3	GO:0004950	chemokine receptor activity	ENSMUSG00000029352	ENSG00000186810	Cxcr3	CXCR3	X	X	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr4	chemokine (C-X-C motif) receptor 4	GO:0004950	chemokine receptor activity	ENSMUSG00000029351	ENSG00000121966	Cxcr4	CXCR4	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr5	chemokine (C-X-C motif) receptor 5	GO:0004950	chemokine receptor activity	ENSMUSG00000029350	ENSG00000176460	Cxcr5	CXCR5	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr6	chemokine (C-X-C motif) receptor 6	GO:0004950	chemokine receptor activity	ENSMUSG00000029349	ENSG00000112183	Cxcr6	CXCR6	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cx3cr1	chemokine (C-X3-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029348	ENSG00000168329	Cx3cr1	CX3CR1	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Xcr1	chemokine (C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029347	ENSG00000173578	Xcr1	XCR1	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl1	chemokine (C-C motif) ligand 1	GO:0005576	extracellular region	ENSMUSG00000035386	ENSG00000108702	Ccl1	CCL1	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl3	chemokine (C-C motif) ligand 3	GO:0005576	extracellular region	ENSMUSG00000035374	ENSG00000108691	Ccl3	CCL3	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl4	chemokine (C-C motif) ligand 4	GO:0005576	extracellular region	ENSMUSG00000035372	ENSG00000275302	Ccl4	CCL4	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl5	chemokine (C-C motif) ligand 5	GO:0005576	extracellular region	ENSMUSG00000035370	ENSG00000271503	Ccl5	CCL5	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl6	chemokine (C-C motif) ligand 6	GO:0005576	extracellular region	ENSMUSG00000035368	ENSG00000108688	Ccl6	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl9	chemokine (C-C motif) ligand 9	GO:0005576	extracellular region	ENSMUSG00000035362	ENSG00000108700	Ccl9	CCL8	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl10	chemokine (C-C motif) ligand 10	GO:0005576	extracellular region	ENSMUSG00000035359	ENSG00000108688	Ccl10	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl13	chemokine (C-C motif) ligand 13	GO:0005576	extracellular region	ENSMUSG00000035353	ENSG00000108700	Ccl13	CCL8	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl15	chemokine (C-C motif) ligand 15	GO:0005576	extracellular region	ENSMUSG00000035351	ENSG00000275302	Ccl15	CCL4	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl17	chemokine (C-C motif) ligand 17	GO:0005576	extracellular region	ENSMUSG00000035349	ENSG00000101200	Ccl17	CCL23	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl21b	chemokine (C-C motif) ligand 21b	GO:0005576	extracellular region	ENSMUSG00000035357	ENSG00000137996	Ccl21b	CCL21	11	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl21c	chemokine (C-C motif) ligand 21c	GO:0005576	extracellular region	ENSMUSG00000035355	ENSG00000137996	Ccl21c	CCL21	11	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl23	chemokine (C-C motif) ligand 23	GO:0005576	extracellular region	ENSMUSG00000035348	ENSG00000101200	Ccl23	CCL23	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl25	chemokine (C-C motif) ligand 25	GO:0005576	extracellular region	ENSMUSG00000035345	ENSG00000131142	Ccl25	CCL25	11	19	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl28	chemokine (C-C motif) ligand 28	GO:0005576	extracellular region	ENSMUSG00000035342	ENSG00000176731	Ccl28	CCL28	11	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl4	chemokine (C-X-C motif) ligand 4	GO:0005576	extracellular region	ENSMUSG00000029374	ENSG00000124875	Cxcl4	CXCL5	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl7	chemokine (C-X-C motif) ligand 7	GO:0005576	extracellular region	ENSMUSG00000029368	ENSG00000145824	Cxcl7	CXCL14	5	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl12	chemokine (C-X-C motif) ligand 12	GO:0005576	extracellular region	ENSMUSG00000029366	ENSG00000089199	Cxcl12	CXCL12	6	10	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl13	chemokine (C-X-C motif) ligand 13	GO:0005576	extracellular region	ENSMUSG00000029364	ENSG00000156234	Cxcl13	CXCL13	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl14	chemokine (C-X-C motif) ligand 14	GO:0005576	extracellular region	ENSMUSG00000029362	ENSG00000145824	Cxcl14	CXCL14	5	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl15	chemokine (C-X-C motif) ligand 15	GO:0005576	extracellular region	ENSMUSG00000029361	ENSG00000174562	Cxcl15	CXCL15	5	4	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl16	chemokine (C-X-C motif) ligand 16	GO:0005576	extracellular region	ENSMUSG00000029359	ENSG00000174564	Cxcl16	CXCL16	5	5	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcl17	chemokine (C-X-C motif) ligand 17	GO:0005576	extracellular region	ENSMUSG00000029357	ENSG00000189377	Cxcl17	CXCL17	5	9	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr1	chemokine (C-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000052336	ENSG00000164820	Ccr1	CCR1	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr2	chemokine (C-C motif) receptor 2	GO:0004950	chemokine receptor activity	ENSMUSG00000052335	ENSG00000121807	Ccr2	CCR2	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr3	chemokine (C-C motif) receptor 3	GO:0004950	chemokine receptor activity	ENSMUSG00000052334	ENSG00000183625	Ccr3	CCR3	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr4	chemokine (C-C motif) receptor 4	GO:0004950	chemokine receptor activity	ENSMUSG00000052333	ENSG00000183813	Ccr4	CCR4	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr5	chemokine (C-C motif) receptor 5	GO:0004950	chemokine receptor activity	ENSMUSG00000052332	ENSG00000160791	Ccr5	CCR5	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr6	chemokine (C-C motif) receptor 6	GO:0004950	chemokine receptor activity	ENSMUSG00000052331	ENSG00000112486	Ccr6	CCR6	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr7	chemokine (C-C motif) receptor 7	GO:0004950	chemokine receptor activity	ENSMUSG00000052330	ENSG00000126353	Ccr7	CCR7	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr8	chemokine (C-C motif) receptor 8	GO:0004950	chemokine receptor activity	ENSMUSG00000052329	ENSG00000179934	Ccr8	CCR8	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr9	chemokine (C-C motif) receptor 9	GO:0004950	chemokine receptor activity	ENSMUSG00000052328	ENSG00000173585	Ccr9	CCR9	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccr10	chemokine (C-C motif) receptor 10	GO:0004950	chemokine receptor activity	ENSMUSG00000052327	ENSG00000184451	Ccr10	CCR10	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr1	chemokine (C-X-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029354	ENSG00000168329	Cxcr1	CXCR1	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr2	chemokine (C-X-C motif) receptor 2	GO:0004950	chemokine receptor activity	ENSMUSG00000029353	ENSG00000180871	Cxcr2	CXCR2	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr3	chemokine (C-X-C motif) receptor 3	GO:0004950	chemokine receptor activity	ENSMUSG00000029352	ENSG00000186810	Cxcr3	CXCR3	X	X	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr4	chemokine (C-X-C motif) receptor 4	GO:0004950	chemokine receptor activity	ENSMUSG00000029351	ENSG00000121966	Cxcr4	CXCR4	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr5	chemokine (C-X-C motif) receptor 5	GO:0004950	chemokine receptor activity	ENSMUSG00000029350	ENSG00000176460	Cxcr5	CXCR5	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cxcr6	chemokine (C-X-C motif) receptor 6	GO:0004950	chemokine receptor activity	ENSMUSG00000029349	ENSG00000112183	Cxcr6	CXCR6	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Cx3cr1	chemokine (C-X3-C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029348	ENSG00000168329	Cx3cr1	CX3CR1	1	2	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Xcr1	chemokine (C motif) receptor 1	GO:0004950	chemokine receptor activity	ENSMUSG00000029347	ENSG00000173578	Xcr1	XCR1	9	3	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl1	chemokine (C-C motif) ligand 1	GO:0005576	extracellular region	ENSMUSG00000035386	ENSG00000108702	Ccl1	CCL1	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl3	chemokine (C-C motif) ligand 3	GO:0005576	extracellular region	ENSMUSG00000035374	ENSG00000108691	Ccl3	CCL3	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl4	chemokine (C-C motif) ligand 4	GO:0005576	extracellular region	ENSMUSG00000035372	ENSG00000275302	Ccl4	CCL4	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl5	chemokine (C-C motif) ligand 5	GO:0005576	extracellular region	ENSMUSG00000035370	ENSG00000271503	Ccl5	CCL5	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl6	chemokine (C-C motif) ligand 6	GO:0005576	extracellular region	ENSMUSG00000035368	ENSG00000108688	Ccl6	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl9	chemokine (C-C motif) ligand 9	GO:0005576	extracellular region	ENSMUSG00000035362	ENSG00000108700	Ccl9	CCL8	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl10	chemokine (C-C motif) ligand 10	GO:0005576	extracellular region	ENSMUSG00000035359	ENSG00000108688	Ccl10	CCL7	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl13	chemokine (C-C motif) ligand 13	GO:0005576	extracellular region	ENSMUSG00000035353	ENSG00000108700	Ccl13	CCL8	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl15	chemokine (C-C motif) ligand 15	GO:0005576	extracellular region	ENSMUSG00000035351	ENSG00000275302	Ccl15	CCL4	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl17	chemokine (C-C motif) ligand 17	GO:0005576	extracellular region	ENSMUSG00000035349	ENSG00000101200	Ccl17	CCL23	11	17	0.8	1	1	1	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Ccl21b	chemokine (C-C motif) ligand 21b	GO:0005576	extracellular region	ENSMUSG00000035357	ENSG00000137996	Ccl21b	CCL21	11	9	0.

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