PIBASE
v200808

external data | table on disk

table status incomplete | table status complete

http://pibase.janelia.org

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interfaces

interface_secstrx_profile
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+num_sse_1: integer unsigned = not null
+num_sse_2: integer unsigned = not null
+num_sse_12: integer unsigned = not null
+sse_contact_vector: char(36) = not null
+sse_vector_1: char(8) = not null
+sse_vector_2: char(8) = not null
+sse_contact_vector_norm: integer unsigned = not null
+sse_vector_1_norm: integer unsigned = not null
+sse_vector_2_norm: integer unsigned = not null
+num_sse_1_H: integer unsigned = not null
+num_sse_1_B: integer unsigned = not null
+num_sse_1_E: integer unsigned = not null
+num_sse_1_G: integer unsigned = not null
+num_sse_1_I: integer unsigned = not null
+num_sse_1_T: integer unsigned = not null
+num_sse_1_S: integer unsigned = not null
+num_sse_1_u: integer unsigned = not null
+num_sse_2_H: integer unsigned = not null
+num_sse_2_B: integer unsigned = not null
+num_sse_2_E: integer unsigned = not null
+num_sse_2_G: integer unsigned = not null
+num_sse_2_I: integer unsigned = not null
+num_sse_2_T: integer unsigned = not null
+num_sse_2_S: integer unsigned = not null
+num_sse_2_u: integer unsigned = not null
+num_sse_12_HH: integer unsigned = not null
+num_sse_12_HB: integer unsigned = not null
+num_sse_12_HE: integer unsigned = not null
+num_sse_12_HG: integer unsigned = not null
+num_sse_12_HI: integer unsigned = not null
+num_sse_12_HT: integer unsigned = not null
+num_sse_12_HS: integer unsigned = not null
+num_sse_12_Hu: integer unsigned = not null
+num_sse_12_BB: integer unsigned = not null
+num_sse_12_BE: integer unsigned = not null
+num_sse_12_BG: integer unsigned = not null
+num_sse_12_BI: integer unsigned = not null
+num_sse_12_BT: integer unsigned = not null
+num_sse_12_BS: integer unsigned = not null
+num_sse_12_Bu: integer unsigned = not null
+num_sse_12_EE: integer unsigned = not null
+num_sse_12_EG: integer unsigned = not null
+num_sse_12_EI: integer unsigned = not null
+num_sse_12_ET: integer unsigned = not null
+num_sse_12_ES: integer unsigned = not null
+num_sse_12_Eu: integer unsigned = not null
+num_sse_12_GG: integer unsigned = not null
+num_sse_12_GI: integer unsigned = not null
+num_sse_12_GT: integer unsigned = not null
+num_sse_12_GS: integer unsigned = not null
+num_sse_12_Gu: integer unsigned = not null
+num_sse_12_II: integer unsigned = not null
+num_sse_12_IT: integer unsigned = not null
+num_sse_12_IS: integer unsigned = not null
+num_sse_12_Iu: integer unsigned = not null
+num_sse_12_TT: integer unsigned = not null
+num_sse_12_TS: integer unsigned = not null
+num_sse_12_Tu: integer unsigned = not null
+num_sse_12_SS: integer unsigned = not null
+num_sse_12_Su: integer unsigned = not null
+num_sse_12_uu: integer unsigned = not null
+numres_sse_1_H: integer unsigned = not null
+numres_sse_1_B: integer unsigned = not null
+numres_sse_1_E: integer unsigned = not null
+numres_sse_1_G: integer unsigned = not null
+numres_sse_1_I: integer unsigned = not null
+numres_sse_1_T: integer unsigned = not null
+numres_sse_1_S: integer unsigned = not null
+numres_sse_1_u: integer unsigned = not null
+numres_sse_2_H: integer unsigned = not null
+numres_sse_2_B: integer unsigned = not null
+numres_sse_2_E: integer unsigned = not null
+numres_sse_2_G: integer unsigned = not null
+numres_sse_2_I: integer unsigned = not null
+numres_sse_2_T: integer unsigned = not null
+numres_sse_2_S: integer unsigned = not null
+numres_sse_2_u: integer unsigned = not null
+numres_sse_12_HH: integer unsigned = not null
+numres_sse_12_HB: integer unsigned = not null
+numres_sse_12_HE: integer unsigned = not null
+numres_sse_12_HG: integer unsigned = not null
+numres_sse_12_HI: integer unsigned = not null
+numres_sse_12_HT: integer unsigned = not null
+numres_sse_12_HS: integer unsigned = not null
+numres_sse_12_Hu: integer unsigned = not null
+numres_sse_12_BB: integer unsigned = not null
+numres_sse_12_BE: integer unsigned = not null
+numres_sse_12_BG: integer unsigned = not null
+numres_sse_12_BI: integer unsigned = not null
+numres_sse_12_BT: integer unsigned = not null
+numres_sse_12_BS: integer unsigned = not null
+numres_sse_12_Bu: integer unsigned = not null
+numres_sse_12_EE: integer unsigned = not null
+numres_sse_12_EG: integer unsigned = not null
+numres_sse_12_EI: integer unsigned = not null
+numres_sse_12_ET: integer unsigned = not null
+numres_sse_12_ES: integer unsigned = not null
+numres_sse_12_Eu: integer unsigned = not null
+numres_sse_12_GG: integer unsigned = not null
+numres_sse_12_GI: integer unsigned = not null
+numres_sse_12_GT: integer unsigned = not null
+numres_sse_12_GS: integer unsigned = not null
+numres_sse_12_Gu: integer unsigned = not null
+numres_sse_12_II: integer unsigned = not null
+numres_sse_12_IT: integer unsigned = not null
+numres_sse_12_IS: integer unsigned = not null
+numres_sse_12_Iu: integer unsigned = not null
+numres_sse_12_TT: integer unsigned = not null
+numres_sse_12_TS: integer unsigned = not null
+numres_sse_12_Tu: integer unsigned = not null
+numres_sse_12_SS: integer unsigned = not null
+numres_sse_12_Su: integer unsigned = not null
+numres_sse_12_uu: integer unsigned = not null

interface_secstrx_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

interface_secstrx_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#subset_id: char(50) = not null
+sse_id: integer unsigned = not null
+num_res: integer unsigned = not null
+sse: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null

interface_secstrx_basic_contacts_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

interface_secstrx_basic_contacts_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+sse_id_1: integer unsigned = not null
+sse_id_2: integer unsigned = not null
+num_res_1: integer unsigned = not null
+num_res_2: integer unsigned = not null
+num_res_12: integer unsigned = not null
+sse_1: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null
+sse_2: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null

bindingsite_secstrx_basic_contacts_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

bindingsite_secstrx_basic_contacts_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#subset_id: char(50) = not null
+sse_id_1: integer unsigned = not null
+sse_id_2: integer unsigned = not null
+num_res_1: integer unsigned = not null
+num_res_2: integer unsigned = not null
+num_res_12: integer unsigned = not null
+sse_1: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null
+sse_2: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null

bindingsite_contacts_tables
#bdp_id: integer unsigned = not null
+cutoff: float = not null
+table_name: char(40)
+source_file: char(255)

bindingsite_contacts_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#subset_id: char(50) = not null
+chain_id_1: char(1) = not null
#resno_1: char(10) = not null
+resna_1: char(3) = not null
+chain_id_2: char(1) = not null
#resno_2: char(10) = not null
+resna_2: char(3) = not null
+min_dist: float = not null
+num_contacts: integer unsigned = not null
+num_contacts_4: integer unsigned = not null
+num_contacts_4p5: integer unsigned = not null
+num_contacts_5: integer unsigned = not null
+num_contacts_5p5: integer unsigned = not null

patch_residues_tables
#bdp_id: integer unsigned = not null
+cutoff: float = not null
+table_name: char(40)
+source_file: char(255)

patch_residues_prototype
#bdp_id: integer unsigned = not null
#subset_id: char(50) = not null
#chain_no: integer unsigned = not null
+chain_id: char(1) = not null
#resno: char(10) = not null
+resna: char(3) = not null
+num_contacts: integer unsigned = 0

interface_contacts_tables
#bdp_id: integer unsigned = not null
+cutoff: float = not null
+table_name: char(40)
+source_file: char(255)

interface_contacts_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#subset_id: char(50) = not null
#chain_no_1: integer unsigned = not null
+chain_id_1: char(1) = not null
#resno_1: char(10) = not null
+resna_1: char(3) = not null
#chain_no_2: integer unsigned = not null
+chain_id_2: char(1) = not null
#resno_2: char(10) = not null
+resna_2: char(3) = not null
+min_dist: float = not null
+num_contacts: integer unsigned = not null
+num_contacts_4: integer unsigned = not null
+num_contacts_4p5: integer unsigned = not null
+num_contacts_5: integer unsigned = not null
+num_contacts_5p5: integer unsigned = not null

bdp_interaction_topology
#bdp_id: integer unsigned = not null
#subset_source_id: integer unsigned = not null
+num_domains: integer unsigned = not null
+num_edges: integer unsigned = not null
+num_domain_classes: integer unsigned = not null
+nodestring: text = not null
+edgestring: text = not null

bdp_interaction_topology_graph
#bdp_id: integer unsigned = not null
#subset_source_id: integer unsigned = not null
+file_path: char(200) = not null

bindingsite_sse_topology
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#subset_id: char(50) = not null
+num_domains: integer unsigned = not null
+num_edges: integer unsigned = not null
+nodelist: text = not null
+nodelist_sse: text = not null
+edgelist: text = not null
+edgelist_sse: text = not null

interface_contacts_special_tables
#bdp_id: integer unsigned = not null
+cutoff: float = not null
+table_name: char(40)
+source_file: char(255)

interface_contacts_special_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
#chain_no_1: integer unsigned = not null
+chain_id_1: char(1) = not null
#resno_1: char(10) = not null
+resna_1: char(3) = not null
#chain_no_2: integer unsigned = not null
+chain_id_2: char(1) = not null
#resno_2: char(10) = not null
+resna_2: char(3) = not null
#type: enum('salt', 'hbond', 'ssbond')

interface_sse_topology
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+num_domains: integer unsigned = not null
+num_edges: integer unsigned = not null
+nodelist: text = not null
+nodelist_sse: text = not null
+edgelist: text = not null
+edgelist_sse: text = not null

interface_secstrx_contacts_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

interface_secstrx_contacts_prototype
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+sse_id_1: integer unsigned = not null
+sse_id_2: integer unsigned = not null
+num_res_1: integer unsigned = not null
+num_res_2: integer unsigned = not null
+num_res_12: integer unsigned = not null
+sse_1: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null
+sse_2: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null

interface_resvector
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+contact_vector: char(210) = not null
+res_vector_1: char(20) = not null
+res_vector_2: char(20) = not null
+contact_vector_norm: integer = not null
+res_vector_1_norm: integer = not null
+res_vector_2_norm: integer = not null

interface_size
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+num_res_1: integer unsigned = not null
+num_res_2: integer unsigned = not null
+subset_size_1: integer unsigned = not null
+subset_size_2: integer unsigned = not null

interface_sasa
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+dsasa_all: float = not null
+dsasa_sc: float = not null
+dsasa_mc: float = not null
+dsasa_polar: float = not null
+dsasa_nonpolar: float = not null

scop_interface_clusters
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+scopclass_pair: char(150) = not null
+cluster_level: enum('fam','sf') = not null
+interface_class: char(150) = not null
+cluster_no: integer = not null
+member_no: integer = not null

pdb_patchres_bychain
#pdb_id: char(4) = not null
#chain_id: char(1) = not null
#patch_no: integer = not null
+resnos: text = not null

interface_vol
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+vol_12: float = not null
+delta_vol: float = not null

interface_planarity
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+planarity: float = not null

interface_sc
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+sc: float
+median_dist: float

interface_continuity
+bdp_id: integer unsigned = not null
#subset_id_1: char(50) = not null
#subset_id_2: char(50) = not null
+seq_segments_1: integer unsigned = not null
+strx_patches_1: integer unsigned = not null
+seq_segments_2: integer unsigned = not null
+strx_patches_2: integer unsigned = not null
+cutoff: float = not null

bdp

bdp_files
#bdp_id: integer unsigned auto_increment
+file_path: char(255) = not null
+file_base: char(30) = not null
+pdb_id: char(4) = not null
+raw_pdb: bool = 0

bdp_xpack
#bdp_id: integer unsigned = not null
+xpack: tinyint(1) = not null

bdp_secstrx_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

bdp_secstrx_prototype
#bdp_id: integer unsigned = not null
+chain_id: char(1) = not null
+resno: char(10) = not null
+sse: enum('H', 'B', 'E', 'G', 'I', 'T', 'S', ' ') = not null
+sse_basic: enum('H', 'B', 'T', ' ') = not null
+sse_id: integer unsigned = not null
+sse_basic_id: integer unsigned = not null

bdp_residues_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

bdp_numdom
#bdp_id: integer unsigned = not null
#subset_source_id: integer = not null
+num_dom: integer = not null

bdp_numres
#bdp_id: integer unsigned = not null
+num_res: integer = not null

bdp_chains
#bdp_id: integer unsigned = not null
#real_chain_no: integer unsigned = not null
+real_chain_id: char(1) = not null
+chain_type: enum('p', 'n') = not null
+pdb_chain_no: integer unsigned
+pdb_chain_id: char(1)
+start_resno: char(10) = not null
+start_resno_int: integer = not null
+end_resno: char(10) = not null
+end_resno_int: integer = not null
+num_res: integer unsigned = not null
+num_atoms: integer unsigned = not null
+num_hetatm: integer unsigned = not null
+sequence: text = not null

bdp_residues_prototype
#bdp_id: integer unsigned = not null
#chain_no: integer unsigned = not null
+chain_id: char(1) = not null
+resno_serial: integer unsigned = not null
+resno: char(10) = not null
+resno_int: integer = not null
+resna: char(3) = not null
+chain_type: enum('p', 'n') = not null

intersubset_contacts
#bdp_id: integer unsigned = not null
#subset_id_1: char(50) binary = not null
+class_1: char(70) = not null
#subset_id_2: char(50) binary = not null
+class_2: char(70) = not null
+num_contacts: integer unsigned = not null
+cutoff: float = not null
+num_contacts_4: integer unsigned = not null
+num_contacts_4p5: integer unsigned = not null
+num_contacts_5: integer unsigned = not null
+num_contacts_5p5: integer unsigned = not null
+hbond: integer unsigned = not null
+salt: integer unsigned = not null
+ssbond: integer unsigned = not null
+chains: enum('same', 'diff', 'both') = not null

external_data_sources
#data_source: char(50) = not null
#table_name: char(100) = not null
+upload_date: date = not null
+data_date: date = not null
+version: char(50)
+url: char(100)
+comments: char(100)

PDB

pdb_entry_type
#pdb_id: char(4) = not null
+entry_type: char(20) = not null
+experiment_type: char(11) = not null

pdb_release
#pdb_id: char(4) = not null
+release_date: date

pdb_entries
#pdb_id: char(4) = not null
+header: char(100)
+accession_date: date
+compound: text
+source: char(150)
+author: text
+resolution: float
+experiment_type: char(90)

pdb_obsolete
#old_pdb_id: char(4) = not null
+new_pdb_id: char(4)
+obsolete_date: date

SCOP

scop_hie
#self_sun_id: mediumint unsigned = not null
+parent_sun_id: mediumint unsigned
+kids_sun_id: text

scop_cla
#scop_id: char(7) = not null
+pdb_id: char(4) = not null
+chain_id: char(1) = not null
+start_resno: char(10) = not null
+end_resno: char(10) = not null
+class_id: char(1) = not null
+fold_id: smallint unsigned = not null
+superfam_id: smallint unsigned = not null
+fam_id: smallint unsigned = not null
+cl_id: mediumint unsigned = not null
+cf_id: mediumint unsigned = not null
+sf_id: mediumint unsigned = not null
+fa_id: mediumint unsigned = not null
+dm_id: mediumint unsigned = not null
+sp_id: mediumint unsigned = not null
+px_id: mediumint unsigned = not null

scop_des
#sun_id: mediumint unsigned = not null
+entry_type : enum('cl', 'cf', 'sf', 'fa', 'dm' ,'sp', 'px') not null
+class_id: char(1) = not null
+fold_id: smallint unsigned = not null
+superfam_id: smallint unsigned = not null
+fam_id: smallint unsigned = not null
+scop_id: char(7)
+description: char(250)

PQS

pqs_list
#pqs_file_base: char(50) = not null
+pdb_id: char(4) = not null

pqs_biolist
#pdb_id: char(4) = not null
+action: char(30) = not null
+reason: char(40)
+num_split: smallint unsigned
+quaternary_state: char(50)
+memo: char(50)

pqs_asalist
#pqs_id: char(10) = not null
+pdb_id: char(4) = not null
+split_no: smallint unsigned
+contact_type: enum('OK', 'XPACK') = not null
+homo_hetero: enum('HETERO', 'HOMO') = not null
+quaternary_state: char(30)
+num_chain: smallint unsigned
+num_resid: smallint unsigned
+num_hetatm: smallint unsigned
+delta_asa: float
+delta_solvat_e: float
+num_buried: smallint unsigned
+num_salt_bridges: smallint unsigned
+num_disulfide: smallint = unsigned
+rmsd: char(10)
+assembly_formula: char(75)
+calpha_only: bool = 0

pqs_ranking
#pqs_id: char(10) = not null
+pdb_id: char(4) = not null
+split_no: smallint unsigned
+ramach_most_fav: float
+morris_g: float
+b_main: float
+b_side: float
+no_atoms: mediumint unsigned
+no_hoh: smallint unsigned
+no_hetatm: smallint unsigned

CATH

cath_domain_list
#domain_name: char(7) binary = not null
+pdb_id: char(4) = not null
+chain_id: char(1) binary = not null
+domain_no: tinyint unsigned = not null
+class: smallint unsigned = not null
+arch: smallint unsigned = not null
+topol: smallint unsigned = not null
+homol: smallint unsigned = not null
+s35no: smallint unsigned = not null
+s95no: smallint unsigned = not null
+s100no: smallint unsigned = not null
+domain_length: smallint unsigned = not null

cath_domain_description
#domain_name: char(7) binary = not null
+pdb_id: char(4) = not null
+chain_id: char(1) binary = not null
+domain_no: tinyint unsigned = not null
+class_id: smallint unsigned = not null
+arch_id: smallint unsigned = not null
+topol_id: smallint unsigned = not null
+homol_id: smallint unsigned = not null
+class: char(30) = not null
+arch: char(50) = not null
+topol: char(150) = not null
+homol: char(150) = not null
+domain_length: smallint unsigned = not null
+domain_sequence_header: char(25) = not null
+domain_sequence: text = not null
#segment_id: tinyint = not null
+start_resno: char(10) = not null
+end_resno: char(10) = not null
+segment_length: smallint unsigned = not null
+segment_sequence_header: char(25) = not null
+segment_sequence: text = not null

cath_names
#class: smallint unsigned = not null
#arch: smallint unsigned = not null
#topol: smallint unsigned = not null
#homol: smallint unsigned = not null
+representative_dom: char(7) = not null
+description: tinytext

subsets

subsets_vol
#subset_id: char(50) binary = not null
+volume: float = not null

subsets
#subset_id: char(50) binary = not null
+bdp_id: integer
+pdb_id: char(4)
+description: char(250)
+subset_source_id: integer = not null
+class: char(70) = not null

subsets_details
#subset_id: char(50) binary = not null
#segment_id: char(50) = not null
+chain_no: integer unsigned
+chain_id: char(1) = not null
+start_resno: char(10) = not null
+start_resno_int: integer
+end_resno: char(10) = not null
+end_resno_int: integer

subsets_files
#subset_id: char(50) binary
#file_path: char(200) = not null

subsets_env
+bdp_id: integer = not null
#subset_id: char(50) binary = not null
+num_domains_bdp: integer = not null
+num_interactions: integer = not null
+num_domains_chain: integer = not null

subsets_class
#subset_source_id: integer unsigned = not null
#class: char(70) = not null
+description: char(250)

subsets_residues_tables
#bdp_id: integer unsigned = not null
+table_name: char(40)
+source_file: char(255)

subsets_residues_prototype
#bdp_id: integer unsigned = not null
#chain_no: integer unsigned = not null
+chain_id: char(1) = not null
#resno_serial: integer unsigned = not null
+resno: char(10) = not null
+resno_int: integer = not null
#subset_id: char(50) = not null

subsets_sasa
+bdp_id: integer unsigned = not null
#subset_id: char(50) = not null
+sasa_all: float = not null
+sasa_sc: float = not null
+sasa_mc: float = not null
+sasa_polar: float = not null
+sasa_nonpolar: float = not null

subsets_sequence
+bdp_id: integer = not null
#subset_id: char(50) binary = not null
+num_chains: integer = not null
+num_res: integer = not null
+sequence: text = not null

subsets_source
#subset_source_id: integer unsigned auto_increment = not null
#subset_source: char(50) = not null
+version: char(20) = not null