TABLE: \_annotated\_file

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

('seed', 'longblob', 'NO', '', None, '')

('cm', 'longblob', 'NO', '', None, '')

('full', 'longblob', 'YES', '', None, '')

TABLE: \_family\_file

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('seed', 'longblob', 'NO', '', None, '')

('cm', 'longblob', 'NO', '', None, '')

TABLE: \_genome\_data

--------------------------------------------

('data\_file', 'mediumtext', 'NO', '', None, '')

('author', 'varchar(45)', 'NO', '', None, '')

('uuid', 'varchar(45)', 'NO', '', None, '')

('status', "enum('DONE','PEND','RUN','FAIL','KILL')", 'NO', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('opened', 'datetime', 'YES', '', None, '')

('closed', 'datetime', 'YES', '', None, '')

('message', 'mediumtext', 'YES', '', None, '')

('lsf\_id', 'int(8) unsigned', 'YES', '', None, '')

TABLE: \_lock

--------------------------------------------

('locked', 'tinyint(1)', 'NO', '', None, '')

('locker', 'varchar(10)', 'NO', '', None, '')

('allowCommits', 'tinyint(1)', 'NO', '', None, '')

('alsoAllow', 'text', 'YES', '', None, '')

TABLE: \_overlap

--------------------------------------------

('auto\_overlap', 'int(10)', 'NO', 'PRI', None, 'auto\_increment')

('id', 'varchar(40)', 'YES', '', None, '')

('description', 'varchar(100)', 'YES', '', None, '')

('author', 'tinytext', 'YES', '', None, '')

('comment', 'longtext', 'YES', '', None, '')

TABLE: \_overlap\_membership

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('auto\_overlap', 'int(10)', 'NO', 'MUL', None, '')

TABLE: \_post\_process

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('author', 'varchar(45)', 'NO', '', None, '')

('uuid', 'varchar(45)', 'NO', '', None, '')

('status', "enum('DONE','PEND','RUN','FAIL','KILL')", 'NO', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('opened', 'datetime', 'YES', '', None, '')

('closed', 'datetime', 'YES', '', None, '')

('message', 'mediumtext', 'YES', '', None, '')

('lsf\_id', 'int(8) unsigned', 'YES', '', None, '')

TABLE: alignment\_and\_tree

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('type', "enum('seed','seedTax','genome','genomeTax')", 'NO', '', None, '')

('alignment', 'longblob', 'YES', '', None, '')

('tree', 'longblob', 'YES', '', None, '')

('treemethod', 'tinytext', 'YES', '', None, '')

('average\_length', 'double(7,2)', 'YES', '', None, '')

('percent\_id', 'double(5,2)', 'YES', '', None, '')

('number\_of\_sequences', 'bigint(20)', 'YES', '', None, '')

TABLE: author

--------------------------------------------

('author\_id', 'int(11)', 'NO', 'PRI', None, 'auto\_increment')

('name', 'varchar(20)', 'NO', '', None, '')

('last\_name', 'varchar(50)', 'YES', '', None, '')

('initials', 'varchar(4)', 'YES', '', None, '')

('orcid', 'varchar(19)', 'YES', '', None, '')

('synonyms', 'varchar(100)', 'YES', '', None, '')

TABLE: clan

--------------------------------------------

('clan\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

('id', 'varchar(40)', 'YES', '', None, '')

('previous\_id', 'tinytext', 'YES', '', None, '')

('description', 'varchar(100)', 'YES', '', None, '')

('author', 'tinytext', 'YES', '', None, '')

('comment', 'longtext', 'YES', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', None, '')

TABLE: clan\_database\_link

--------------------------------------------

('clan\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('db\_id', 'tinytext', 'NO', '', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('db\_link', 'tinytext', 'NO', '', None, '')

('other\_params', 'tinytext', 'YES', '', None, '')

TABLE: clan\_literature\_reference

--------------------------------------------

('clan\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pmid', 'int(10)', 'NO', 'MUL', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('order\_added', 'tinyint(3)', 'YES', '', None, '')

TABLE: clan\_membership

--------------------------------------------

('clan\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('rfam\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

TABLE: database\_link

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('db\_id', 'tinytext', 'NO', '', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('db\_link', 'tinytext', 'NO', '', None, '')

('other\_params', 'tinytext', 'YES', '', None, '')

TABLE: db\_version

--------------------------------------------

('rfam\_release', 'double(4,1)', 'NO', 'PRI', None, '')

('rfam\_release\_date', 'datetime', 'NO', '', None, '')

('number\_families', 'int(10)', 'NO', '', None, '')

('embl\_release', 'tinytext', 'NO', '', None, '')

('genome\_collection\_date', 'datetime', 'YES', '', None, '')

('refseq\_version', 'int(11)', 'YES', '', None, '')

('pdb\_date', 'datetime', 'YES', '', None, '')

('infernal\_version', 'varchar(45)', 'YES', '', None, '')

TABLE: dead\_clan

--------------------------------------------

('clan\_acc', 'varchar(7)', 'NO', 'PRI', '', '')

('clan\_id', 'varchar(40)', 'NO', '', None, '')

('comment', 'mediumtext', 'YES', '', None, '')

('forward\_to', 'varchar(7)', 'YES', '', None, '')

('user', 'tinytext', 'NO', '', None, '')

TABLE: dead\_family

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'PRI', '', '')

('rfam\_id', 'varchar(40)', 'NO', '', None, '')

('comment', 'mediumtext', 'YES', '', None, '')

('forward\_to', 'varchar(7)', 'YES', '', None, '')

('title', 'varchar(150)', 'YES', '', None, '')

('user', 'tinytext', 'NO', '', None, '')

TABLE: ensembl\_names

--------------------------------------------

('insdc', 'varchar(50)', 'NO', 'PRI', '', '')

('ensembl', 'varchar(50)', 'YES', '', None, '')

TABLE: family

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

('rfam\_id', 'varchar(40)', 'NO', 'MUL', None, '')

('auto\_wiki', 'int(10) unsigned', 'NO', 'MUL', None, '')

('description', 'varchar(75)', 'YES', '', None, '')

('author', 'tinytext', 'YES', '', None, '')

('seed\_source', 'tinytext', 'YES', '', None, '')

('gathering\_cutoff', 'double(5,2)', 'YES', '', None, '')

('trusted\_cutoff', 'double(5,2)', 'YES', '', None, '')

('noise\_cutoff', 'double(5,2)', 'YES', '', None, '')

('comment', 'longtext', 'YES', '', None, '')

('previous\_id', 'tinytext', 'YES', '', None, '')

('cmbuild', 'tinytext', 'YES', '', None, '')

('cmcalibrate', 'tinytext', 'YES', '', None, '')

('cmsearch', 'tinytext', 'YES', '', None, '')

('num\_seed', 'bigint(20)', 'YES', '', None, '')

('num\_full', 'bigint(20)', 'YES', '', None, '')

('num\_genome\_seq', 'bigint(20)', 'YES', '', None, '')

('num\_refseq', 'bigint(20)', 'YES', '', None, '')

('type', 'varchar(50)', 'YES', '', None, '')

('structure\_source', 'tinytext', 'YES', '', None, '')

('number\_of\_species', 'bigint(20)', 'YES', '', None, '')

('number\_3d\_structures', 'int(11)', 'YES', '', None, '')

('num\_pseudonokts', 'int(11)', 'YES', '', None, '')

('tax\_seed', 'mediumtext', 'YES', '', None, '')

('ecmli\_lambda', 'double(10,5)', 'YES', '', None, '')

('ecmli\_mu', 'double(10,5)', 'YES', '', None, '')

('ecmli\_cal\_db', 'mediumint(9)', 'YES', '', '0', '')

('ecmli\_cal\_hits', 'mediumint(9)', 'YES', '', '0', '')

('maxl', 'mediumint(9)', 'YES', '', '0', '')

('clen', 'mediumint(9)', 'YES', '', '0', '')

('match\_pair\_node', 'tinyint(1)', 'YES', '', '0', '')

('hmm\_tau', 'double(10,5)', 'YES', '', None, '')

('hmm\_lambda', 'double(10,5)', 'YES', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', 'CURRENT\_TIMESTAMP', 'on update CURRENT\_TIMESTAMP')

TABLE: family\_author

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', '', None, '')

('author\_id', 'int(11)', 'NO', '', None, '')

('desc\_order', 'int(4)', 'NO', '', None, '')

TABLE: family\_literature\_reference

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pmid', 'int(10)', 'NO', 'MUL', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('order\_added', 'tinyint(3)', 'YES', '', None, '')

TABLE: family\_long

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('referenece\_structure', 'longtext', 'YES', '', None, '')

('reference\_sequence', 'longtext', 'YES', '', None, '')

TABLE: family\_ncbi

--------------------------------------------

('ncbi\_id', 'int(10) unsigned', 'NO', 'MUL', None, '')

('rfam\_id', 'varchar(40)', 'YES', '', None, '')

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

TABLE: features

--------------------------------------------

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('database\_id', 'varchar(50)', 'NO', '', None, '')

('primary\_id', 'varchar(100)', 'NO', '', None, '')

('secondary\_id', 'varchar(255)', 'YES', '', None, '')

('feat\_orient', 'tinyint(3)', 'NO', '', '0', '')

('feat\_start', 'bigint(19) unsigned', 'NO', '', '0', '')

('feat\_end', 'bigint(19) unsigned', 'NO', '', '0', '')

('quaternary\_id', 'varchar(150)', 'YES', '', None, '')

TABLE: full\_region

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('rfamseq\_acc', 'varchar(25)', 'NO', 'MUL', '', '')

('seq\_start', 'bigint(19) unsigned', 'NO', '', '0', '')

('seq\_end', 'bigint(19) unsigned', 'NO', '', None, '')

('bit\_score', 'double(7,2)', 'NO', '', '0.00', '')

('evalue\_score', 'varchar(15)', 'NO', '', '0', '')

('cm\_start', 'mediumint(8) unsigned', 'NO', '', None, '')

('cm\_end', 'mediumint(8) unsigned', 'NO', '', None, '')

('truncated', "enum('0','5','3','53')", 'NO', '', None, '')

('type', "enum('seed','full')", 'NO', '', 'full', '')

('is\_significant', 'tinyint(1) unsigned', 'NO', 'MUL', None, '')

TABLE: genome

--------------------------------------------

('upid', 'varchar(20)', 'NO', 'PRI', '', '')

('assembly\_acc', 'varchar(20)', 'YES', '', None, '')

('assembly\_version', 'int(4) unsigned', 'YES', '', None, '')

('wgs\_acc', 'varchar(20)', 'YES', '', None, '')

('wgs\_version', 'int(4) unsigned', 'YES', '', None, '')

('assembly\_name', 'varchar(100)', 'YES', '', None, '')

('assembly\_level', "enum('contig','chromosome','scaffold','complete-genome')", 'YES', '', None, '')

('study\_ref', 'varchar(20)', 'YES', '', None, '')

('description', 'mediumtext', 'YES', '', None, '')

('total\_length', 'bigint(20)', 'YES', '', None, '')

('ungapped\_length', 'bigint(20)', 'YES', '', None, '')

('circular', 'tinyint(3)', 'YES', '', None, '')

('ncbi\_id', 'int(10) unsigned', 'NO', 'MUL', None, '')

('scientific\_name', 'varchar(300)', 'YES', '', None, '')

('common\_name', 'varchar(200)', 'YES', '', None, '')

('kingdom', 'varchar(50)', 'YES', '', None, '')

('num\_rfam\_regions', 'int(10)', 'YES', '', None, '')

('num\_families', 'int(10)', 'YES', '', None, '')

('is\_reference', 'tinyint(1)', 'NO', '', '1', '')

('is\_representative', 'tinyint(1)', 'NO', '', '0', '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', 'CURRENT\_TIMESTAMP', 'on update CURRENT\_TIMESTAMP')

TABLE: genome\_temp

--------------------------------------------

('upid', 'varchar(20)', 'NO', 'PRI', '', '')

('assembly\_acc', 'varchar(20)', 'YES', '', None, '')

('assembly\_version', 'int(4) unsigned', 'YES', '', None, '')

('wgs\_acc', 'varchar(20)', 'YES', '', None, '')

('wgs\_version', 'int(4) unsigned', 'YES', '', None, '')

('assembly\_name', 'varchar(100)', 'YES', '', None, '')

('assembly\_level', "enum('contig','chromosome','scaffold','complete-genome')", 'YES', '', None, '')

('study\_ref', 'varchar(20)', 'YES', '', None, '')

('description', 'mediumtext', 'YES', '', None, '')

('total\_length', 'bigint(20)', 'YES', '', None, '')

('ungapped\_length', 'bigint(20)', 'YES', '', None, '')

('circular', 'tinyint(3)', 'YES', '', None, '')

('ncbi\_id', 'int(10) unsigned', 'NO', 'MUL', None, '')

('scientific\_name', 'varchar(300)', 'YES', '', None, '')

('common\_name', 'varchar(200)', 'YES', '', None, '')

('kingdom', 'varchar(50)', 'YES', '', None, '')

('num\_rfam\_regions', 'int(10)', 'YES', '', None, '')

('num\_families', 'int(10)', 'YES', '', None, '')

('is\_reference', 'tinyint(1)', 'NO', '', '1', '')

('is\_representative', 'tinyint(1)', 'NO', '', '0', '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', 'CURRENT\_TIMESTAMP', 'on update CURRENT\_TIMESTAMP')

TABLE: genseq

--------------------------------------------

('upid', 'varchar(20)', 'NO', 'MUL', '', '')

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('chromosome\_name', 'varchar(100)', 'YES', '', None, '')

('chromosome\_type', 'varchar(100)', 'YES', '', None, '')

('version', 'varchar(6)', 'YES', '', None, '')

TABLE: genseq\_temp

--------------------------------------------

('upid', 'varchar(20)', 'NO', 'MUL', '', '')

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('chromosome\_name', 'varchar(100)', 'YES', '', None, '')

('chromosome\_type', 'varchar(100)', 'YES', '', None, '')

('version', 'varchar(6)', 'YES', '', None, '')

TABLE: html\_alignment

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('type', "enum('seed','genome','seedColorstock','genomeColorstock')", 'NO', 'MUL', None, '')

('html', 'longblob', 'YES', '', None, '')

('block', 'int(6)', 'NO', 'MUL', None, '')

('html\_alignmentscol', 'varchar(45)', 'YES', '', None, '')

TABLE: keywords

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'PRI', '', '')

('rfam\_id', 'varchar(40)', 'YES', '', None, '')

('description', 'varchar(100)', 'YES', 'MUL', 'NULL', '')

('rfam\_general', 'longtext', 'YES', '', None, '')

('literature', 'longtext', 'YES', '', None, '')

('wiki', 'longtext', 'YES', '', None, '')

('pdb\_mappings', 'longtext', 'YES', '', None, '')

('clan\_info', 'longtext', 'YES', '', None, '')

TABLE: literature\_reference

--------------------------------------------

('pmid', 'int(10)', 'NO', 'PRI', None, 'auto\_increment')

('title', 'tinytext', 'YES', '', None, '')

('author', 'text', 'YES', '', None, '')

('journal', 'tinytext', 'YES', '', None, '')

TABLE: matches\_and\_fasta

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('match\_list', 'longblob', 'YES', '', None, '')

('fasta', 'longblob', 'YES', '', None, '')

('type', "enum('rfamseq','genome','refseq')", 'NO', '', None, '')

TABLE: motif

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

('motif\_id', 'varchar(40)', 'YES', 'MUL', None, '')

('description', 'varchar(75)', 'YES', '', None, '')

('author', 'tinytext', 'YES', '', None, '')

('seed\_source', 'tinytext', 'YES', '', None, '')

('gathering\_cutoff', 'double(5,2)', 'YES', '', None, '')

('trusted\_cutoff', 'double(5,2)', 'YES', '', None, '')

('noise\_cutoff', 'double(5,2)', 'YES', '', None, '')

('cmbuild', 'tinytext', 'YES', '', None, '')

('cmcalibrate', 'tinytext', 'YES', '', None, '')

('type', 'varchar(50)', 'YES', '', None, '')

('num\_seed', 'bigint(20)', 'YES', '', None, '')

('average\_id', 'double(5,2)', 'YES', '', None, '')

('average\_sqlen', 'double(7,2)', 'YES', '', None, '')

('ecmli\_lambda', 'double(10,5)', 'YES', '', None, '')

('ecmli\_mu', 'double(10,5)', 'YES', '', None, '')

('ecmli\_cal\_db', 'mediumint(9)', 'YES', '', '0', '')

('ecmli\_cal\_hits', 'mediumint(9)', 'YES', '', '0', '')

('maxl', 'mediumint(9)', 'YES', '', '0', '')

('clen', 'mediumint(9)', 'YES', '', '0', '')

('match\_pair\_node', 'tinyint(1)', 'YES', '', '0', '')

('hmm\_tau', 'double(10,5)', 'YES', '', None, '')

('hmm\_lambda', 'double(10,5)', 'YES', '', None, '')

('wiki', 'varchar(80)', 'YES', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', 'CURRENT\_TIMESTAMP', 'on update CURRENT\_TIMESTAMP')

TABLE: motif\_database\_link

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('db\_id', 'tinytext', 'NO', '', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('db\_link', 'tinytext', 'NO', '', None, '')

('other\_params', 'tinytext', 'YES', '', None, '')

TABLE: motif\_family\_stats

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('num\_hits', 'int(11)', 'YES', '', None, '')

('frac\_hits', 'decimal(4,3)', 'YES', '', None, '')

('sum\_bits', 'decimal(12,3)', 'YES', '', None, '')

('avg\_weight\_bits', 'decimal(12,3)', 'YES', '', None, '')

TABLE: motif\_file

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('seed', 'longblob', 'NO', '', None, '')

('cm', 'longblob', 'NO', '', None, '')

TABLE: motif\_literature

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pmid', 'int(10)', 'NO', 'MUL', None, '')

('comment', 'tinytext', 'YES', '', None, '')

('order\_added', 'tinyint(3)', 'YES', '', None, '')

TABLE: motif\_matches

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('rfamseq\_start', 'bigint(19)', 'YES', '', None, '')

('rfamseq\_stop', 'bigint(19)', 'YES', '', None, '')

('query\_start', 'int(11)', 'YES', '', None, '')

('query\_stop', 'int(11)', 'YES', '', None, '')

('motif\_start', 'int(11)', 'YES', '', None, '')

('motif\_stop', 'int(11)', 'YES', '', None, '')

('e\_value', 'varchar(15)', 'YES', '', None, '')

('bit\_score', 'double(7,2)', 'YES', '', None, '')

TABLE: motif\_old

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'PRI', None, '')

('motif\_id', 'varchar(40)', 'YES', 'MUL', None, '')

('description', 'varchar(75)', 'YES', '', None, '')

('author', 'tinytext', 'YES', '', None, '')

('seed\_source', 'tinytext', 'YES', '', None, '')

('gathering\_cutoff', 'double(5,2)', 'YES', '', None, '')

('trusted\_cutoff', 'double(5,2)', 'YES', '', None, '')

('noise\_cutoff', 'double(5,2)', 'YES', '', None, '')

('cmbuild', 'tinytext', 'YES', '', None, '')

('cmcalibrate', 'tinytext', 'YES', '', None, '')

('type', 'varchar(50)', 'YES', '', None, '')

('ecmli\_lambda', 'double(10,5)', 'YES', '', None, '')

('ecmli\_mu', 'double(10,5)', 'YES', '', None, '')

('ecmli\_cal\_db', 'mediumint(9)', 'YES', '', '0', '')

('ecmli\_cal\_hits', 'mediumint(9)', 'YES', '', '0', '')

('maxl', 'mediumint(9)', 'YES', '', '0', '')

('clen', 'mediumint(9)', 'YES', '', '0', '')

('match\_pair\_node', 'tinyint(1)', 'YES', '', '0', '')

('hmm\_tau', 'double(10,5)', 'YES', '', None, '')

('hmm\_lambda', 'double(10,5)', 'YES', '', None, '')

('created', 'datetime', 'NO', '', None, '')

('updated', 'timestamp', 'NO', '', 'CURRENT\_TIMESTAMP', 'on update CURRENT\_TIMESTAMP')

TABLE: motif\_pdb

--------------------------------------------

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pdb\_id', 'varchar(4)', 'NO', 'MUL', None, '')

('chain', 'varchar(4)', 'YES', '', None, '')

('pdb\_start', 'mediumint(9)', 'YES', '', None, '')

('pdb\_end', 'mediumint(9)', 'YES', '', None, '')

TABLE: motif\_ss\_image

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('motif\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('image', 'longblob', 'YES', '', None, '')

TABLE: pdb

--------------------------------------------

('pdb\_id', 'varchar(4)', 'NO', 'PRI', None, '')

('keywords', 'tinytext', 'YES', '', None, '')

('title', 'mediumtext', 'YES', '', None, '')

('date', 'tinytext', 'YES', '', None, '')

('resolution', 'decimal(5,2)', 'YES', '', '0.00', '')

('method', 'tinytext', 'YES', '', None, '')

('author', 'mediumtext', 'YES', '', None, '')

TABLE: pdb\_full\_region

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pdb\_id', 'varchar(4)', 'NO', 'MUL', None, '')

('chain', 'varchar(4)', 'YES', '', None, '')

('pdb\_start', 'mediumint(8)', 'NO', '', None, '')

('pdb\_end', 'mediumint(8)', 'NO', '', None, '')

('bit\_score', 'double(7,2)', 'NO', '', '0.00', '')

('evalue\_score', 'varchar(15)', 'NO', '', '0', '')

('cm\_start', 'mediumint(8)', 'NO', '', None, '')

('cm\_end', 'mediumint(8)', 'NO', '', None, '')

('hex\_colour', 'varchar(6)', 'YES', '', 'NULL', '')

('is\_significant', 'tinyint(1)', 'NO', 'MUL', '1', '')

TABLE: pdb\_full\_region\_old

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pdb\_id', 'varchar(4)', 'NO', 'MUL', None, '')

('chain', 'varchar(4)', 'YES', '', None, '')

('pdb\_start', 'mediumint(8)', 'NO', '', None, '')

('pdb\_end', 'mediumint(8)', 'NO', '', None, '')

('bit\_score', 'double(7,2)', 'NO', '', '0.00', '')

('evalue\_score', 'varchar(15)', 'NO', '', '0', '')

('cm\_start', 'mediumint(8)', 'NO', '', None, '')

('cm\_end', 'mediumint(8)', 'NO', '', None, '')

('hex\_colour', 'varchar(6)', 'YES', '', 'NULL', '')

('is\_significant', 'tinyint(1)', 'NO', 'MUL', '1', '')

TABLE: pdb\_rfam\_reg

--------------------------------------------

('auto\_pdb\_reg', 'int(15) unsigned', 'NO', 'PRI', None, 'auto\_increment')

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pdb\_seq', 'varchar(6)', 'NO', 'MUL', None, '')

('pdb\_id', 'varchar(4)', 'NO', 'MUL', None, '')

('chain', 'varchar(4)', 'YES', '', 'NULL', '')

('pdb\_res\_start', 'mediumint(8)', 'YES', '', None, '')

('pdb\_res\_end', 'mediumint(8)', 'YES', '', None, '')

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('seq\_start', 'bigint(19) unsigned', 'YES', '', None, '')

('seq\_end', 'bigint(19) unsigned', 'YES', '', None, '')

('hex\_colour', 'varchar(6)', 'YES', '', 'NULL', '')

TABLE: pdb\_sequence

--------------------------------------------

('pdb\_seq', 'varchar(6)', 'NO', 'PRI', None, '')

('pdb\_id', 'varchar(4)', 'NO', 'MUL', None, '')

('chain', 'varchar(1)', 'YES', '', None, '')

TABLE: processed\_data

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('cm', 'longblob', 'YES', '', None, '')

('ss\_stats\_pbp', 'longblob', 'YES', '', None, '')

('ss\_stats\_seq', 'longblob', 'YES', '', None, '')

('ss\_stats\_fam', 'longblob', 'YES', '', None, '')

('scores\_graph', 'longblob', 'YES', '', None, '')

('genome\_full', 'mediumtext', 'YES', '', None, '')

('genome\_full\_md5', 'varchar(32)', 'YES', '', None, '')

('refseq\_full', 'mediumtext', 'YES', '', None, '')

('refseq\_full\_md5', 'varchar(32)', 'YES', '', None, '')

TABLE: pseudoknot

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('pseudoknot\_id', 'varchar(5)', 'NO', 'MUL', None, '')

('source', "enum('seed','rscape')", 'NO', 'MUL', None, '')

('covariation', 'tinyint(4)', 'YES', '', '0', '')

TABLE: refseq

--------------------------------------------

('refseq\_acc', 'varchar(14)', 'NO', 'PRI', None, '')

('description', 'mediumtext', 'YES', '', None, '')

('species', 'mediumtext', 'YES', '', None, '')

('ncbi\_taxid', 'int(10)', 'YES', '', None, '')

TABLE: refseq\_full\_region

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('refseq\_acc', 'varchar(14)', 'NO', 'MUL', None, '')

('seq\_start', 'bigint(19) unsigned', 'NO', '', '0', '')

('seq\_end', 'bigint(19) unsigned', 'NO', '', None, '')

('bit\_score', 'double(7,2)', 'NO', '', '0.00', '')

('evalue\_score', 'varchar(15)', 'NO', '', '0', '')

('cm\_start', 'mediumint(8) unsigned', 'NO', '', None, '')

('cm\_end', 'mediumint(8) unsigned', 'NO', '', None, '')

('truncated', "enum('0','5','3','53')", 'NO', '', None, '')

TABLE: rfamseq

--------------------------------------------

('rfamseq\_acc', 'varchar(25)', 'NO', 'PRI', '', '')

('accession', 'varchar(25)', 'NO', '', '', '')

('version', 'int(6) unsigned zerofill', 'NO', 'MUL', None, '')

('ncbi\_id', 'int(10) unsigned', 'NO', 'MUL', None, '')

('mol\_type', "enum('protein','genomic DNA','DNA','ss-DNA','RNA','genomic RNA','ds-RNA','ss-cRNA','ss-RNA','mRNA','tRNA','rRNA','snoRNA','snRNA','scRNA','pre-RNA','other RNA','other DNA','unassigned DNA','unassigned RNA','viral cRNA','cRNA','transcribed RNA','ncRNA','ribozyme','antisense\_RNA','other')", 'NO', '', None, '')

('length', 'int(10) unsigned', 'YES', '', '0', '')

('description', 'varchar(250)', 'NO', '', '', '')

('previous\_acc', 'mediumtext', 'YES', '', None, '')

('source', 'char(20)', 'NO', '', None, '')

TABLE: rfamseq\_temp

--------------------------------------------

('rfamseq\_acc', 'varchar(25)', 'NO', 'PRI', '', '')

('accession', 'varchar(25)', 'NO', '', '', '')

('version', 'int(6) unsigned zerofill', 'NO', 'MUL', None, '')

('ncbi\_id', 'int(10) unsigned', 'NO', 'MUL', None, '')

('mol\_type', "enum('protein','genomic DNA','DNA','ss-DNA','RNA','genomic RNA','ds-RNA','ss-cRNA','ss-RNA','mRNA','tRNA','rRNA','snoRNA','snRNA','scRNA','pre-RNA','other RNA','other DNA','unassigned DNA','unassigned RNA','viral cRNA','cRNA','transcribed RNA','ncRNA','ribozyme','antisense\_RNA','other')", 'NO', '', None, '')

('length', 'int(10) unsigned', 'YES', '', '0', '')

('description', 'longtext', 'YES', '', None, '')

('previous\_acc', 'mediumtext', 'YES', '', None, '')

('source', 'char(20)', 'NO', '', None, '')

TABLE: rnacentral\_matches

--------------------------------------------

('rfamseq\_acc', 'varchar(25)', 'NO', 'MUL', '', '')

('seq\_start', 'bigint(19) unsigned', 'NO', 'MUL', '0', '')

('seq\_end', 'bigint(19) unsigned', 'NO', 'MUL', None, '')

('md5', 'varchar(32)', 'NO', '', None, '')

('rnacentral\_id', 'varchar(25)', 'YES', 'MUL', None, '')

('type', "enum('seed','full')", 'YES', '', 'full', '')

TABLE: rscape\_annotations

--------------------------------------------

('rfam\_acc', 'varchar(10)', 'NO', 'PRI', '', '')

('F', 'float', 'YES', '', None, '')

('sensitivity', 'float', 'YES', '', None, '')

('ppv', 'float', 'YES', '', None, '')

('true', 'int(11)', 'YES', '', None, '')

('found', 'int(11)', 'YES', '', None, '')

('tp', 'int(11)', 'YES', '', None, '')

('avgid', 'float', 'YES', '', None, '')

('alen', 'int(11)', 'YES', '', None, '')

('nseq', 'int(11)', 'YES', '', None, '')

TABLE: secondary\_structure\_image

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('type', "enum('cons','dist','ent','fcbp','cov','disttruc','maxcm','norm','rchie','species','ss','rscape','rscape-cyk')", 'YES', 'MUL', None, '')

('image', 'longblob', 'YES', '', None, '')

TABLE: seed\_region

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('rfamseq\_acc', 'varchar(25)', 'YES', 'MUL', None, '')

('seq\_start', 'bigint(19) unsigned', 'NO', '', '0', '')

('seq\_end', 'bigint(19) unsigned', 'NO', '', None, '')

('md5', 'varchar(32)', 'YES', '', None, '')

TABLE: sunburst

--------------------------------------------

('rfam\_acc', 'varchar(7)', 'NO', 'MUL', None, '')

('data', 'longblob', 'NO', '', None, '')

('type', "enum('rfamseq','genome','refseq')", 'NO', '', None, '')

TABLE: taxonomic\_tree

--------------------------------------------

('ncbi\_code', 'int(10)', 'NO', 'PRI', None, '')

('species', 'varchar(100)', 'YES', '', None, '')

('taxonomy', 'mediumtext', 'YES', '', None, '')

('lft', 'int(10)', 'YES', '', None, '')

('rgt', 'int(10)', 'YES', '', None, '')

('parent', 'varchar(100)', 'YES', '', None, '')

('level', 'varchar(100)', 'YES', '', None, '')

TABLE: taxonomy

--------------------------------------------

('ncbi\_id', 'int(10) unsigned', 'NO', 'PRI', '0', '')

('species', 'varchar(100)', 'NO', 'MUL', '', '')

('tax\_string', 'mediumtext', 'YES', '', None, '')

('tree\_display\_name', 'varchar(100)', 'YES', '', None, '')

('align\_display\_name', 'varchar(112)', 'YES', '', None, '')

TABLE: taxonomy\_websearch

--------------------------------------------

('ncbi\_id', 'int(10) unsigned', 'YES', 'MUL', '0', '')

('species', 'varchar(100)', 'YES', 'MUL', None, '')

('rgt', 'int(10)', 'YES', 'MUL', None, '')

('taxonomy', 'mediumtext', 'YES', '', None, '')

('lft', 'int(10)', 'YES', 'MUL', None, '')

('parent', 'int(10) unsigned', 'YES', 'MUL', None, '')

('level', 'varchar(200)', 'YES', 'MUL', None, '')

('minimal', 'tinyint(1)', 'NO', 'MUL', '0', '')

('rank', 'varchar(100)', 'YES', '', None, '')

TABLE: version

--------------------------------------------

('rfam\_release', 'double(4,1)', 'NO', 'PRI', None, '')

('rfam\_release\_date', 'date', 'NO', '', None, '')

('number\_families', 'int(10)', 'NO', '', None, '')

('embl\_release', 'tinytext', 'NO', '', None, '')

TABLE: wikitext

--------------------------------------------

('auto\_wiki', 'int(10) unsigned', 'NO', 'PRI', None, 'auto\_increment')

('title', 'varchar(150)', 'NO', 'UNI', None, '')

Queries

============================================

> SELECT DISTINCT type FROM family ORDER BY type

('Cis-reg;',)

('Cis-reg; frameshift\_element;',)

('Cis-reg; IRES;',)

('Cis-reg; leader;',)

('Cis-reg; riboswitch;',)

('Cis-reg; thermoregulator;',)

('Gene;',)

('Gene; antisense;',)

('Gene; antitoxin;',)

('Gene; CRISPR;',)

('Gene; lncRNA;',)

('Gene; miRNA;',)

('Gene; ribozyme;',)

('Gene; rRNA;',)

('Gene; snRNA;',)

('Gene; snRNA; snoRNA;',)

('Gene; snRNA; snoRNA; CD-box;',)

('Gene; snRNA; snoRNA; HACA-box;',)

('Gene; snRNA; snoRNA; scaRNA;',)

('Gene; snRNA; splicing;',)

('Gene; sRNA;',)

('Gene; tRNA;',)

('Intron;',)