

Entity Summary Report

Entity Name	Entity Type	Primary Keys	Attr Count
ACCESSION_NUMBER	Independent		18
ACCESS_GROUPS	Independent	USER_NAME,NIH_DOMAIN,ACCESS_GROUP	4
ACCESS_LOG	Independent		4
ACCESS_RIGHTS	Independent		3
ANA_FILE	Independent	FILE_ID	3
ANA_JOB	Independent	JOB_ID	8
ANA_JOB_FILE	Independent	JOB_ID,FILE_ID	2
ANA_JOB_STATUS	Independent	STATUS_ID	2
ANA_TASK	Independent	TASK_ID	7
ASSAY_DATA_DOMAIN	Independent	DATA_DOMAIN,PROTOCOL_TYPE	2
ATTR_TYPE	Independent	ATTR_TYPE	5
ATTR_TYPE_CV	Independent	ATTR_TYPE,CV_VALUE	5
BUNDLES_HISTOPATHOLOGY	Independent		49
BUNDLES_KEYS	Independent		4
CEBS_CONCLUSION_CV	Independent	CEBS_CONCLUSION	6
CONCLUSION	Independent	CONCLUSION_ID	6
CTD_LINKAGE	Independent		4
DATA_DOMAIN	Independent	DATA_DOMAIN	7
EPA_LIVER_DB_ATTR	Independent	ATTR	3
EPA_LIVER_DB_GENE	Independent	GENE_ID	4
EPA_LIVER_DB_META_DATA	Independent	META_DATA_ID	31
EPA_LIVER_DB_SIGNATURE_VALUE	Independent	GENE_ID,META_DATA_ID	3
EPA_LIVER_DB_SIGNATURE_VALUE1	Independent		3
EPA_MLDB_F_COMP	Independent	COMPARISION_ID	3
EPA_MLDB_F_COMP_LINK	Independent		6
EPA_MLDB_F_COMP_MD	Independent	COMPARISION_ID,META_DATA	3
EPA_MLDB_F_CORR	Independent	COMPARISION_ID_1,COMPARISION_ID_2	3
EPA_MLDB_F_GENE	Independent	GENE_ID	4
EPA_MLDB_F_META_DATA	Independent	META_DATA	3
EPA_MLDB_F_SIGNATURE	Independent	GENE_ID,COMPARISION_ID,SIGNATURE_VALUE	3
EPA_MLDB_UF_COMP	Independent	COMPARISION_ID	3
EPA_MLDB_UF_COMP_LINK	Independent		6
EPA_MLDB_UF_COMP_MD	Independent	COMPARISION_ID,META_DATA	3
EPA_MLDB_UF_CORR	Independent	COMPARISION_ID_1,COMPARISION_ID_2	3
EPA_MLDB_UF_GENE	Independent	GENE_ID	4
EPA_MLDB_UF_META_DATA	Independent	META_DATA	3
EPA_MLDB_UF_SIGNATURE	Independent	COMPARISION_ID,GENE_ID,SIGNATURE_VALUE	3
ERA_DATA	Independent		20
EVENT_TYPE	Independent	EVENTTYPE_ID	3
EXTRACT	Independent	EXTRACT_ID	6
EXTRACT_ATTR	Independent	EXTRACT_ATTR	7
EXTRACT_ATTR_CV	Independent	EXTRACT_ATTR,CV_VALUE	7
EXTRACT_CHARACTERISTICS	Independent	EXTRACT_ID,EXTRACT_ATTR,EXTRACTLABELED_ID	5
EXTRACT_LABELED	Independent	EXTRACTLABELED_ID	5
EXTRACT_POOL	Independent	EXTRACT_ID,EXTRACTLABELED_ID	2
GDB_AGGREGATE_OBS	Independent		9
GDB_ANIMALS	Independent		9
GDB_ANIMAL_INFORMATION	Independent		5
GDB_CODES	Independent		6
GDB_CT_TESTS	Independent		11
GDB_CT_TEST_ARTICLE_COMPONENTS	Independent		9
GDB_CT_TEST_ARTICLE_NAMES	Independent		9
GDB_CT_TEST_KEYS	Independent		26
GDB_DEFECT_CODES	Independent		5
GDB_DOSES	Independent		12
GDB_OBSERVATIONS	Independent		8
GDB_OBSERVATION_INFORMATION	Independent		7
GDB_OBSERVATION_KEYWORDS	Independent		4
GDB_OBS_TIME_LOOKUP	Independent		3
GDB_PROTOCOL	Independent		5
GDB_STUDY	Independent		11
GDB_STUDY_STEPS	Independent		4
GDB_SUBJECT_ANIMAL	Independent		4
HTS_COMPOUND_PLATE_DATA	Independent	TOX21_ID,SET_ID,WELL_ID,PLATE_ID	5
HTS_COMPOUND_PURITY_KEY	Independent	PURITY_KEY	2
HTS_COMPOUND_QC	Independent		7
HTS_COMPOUND_QC_BACKUP	Independent		6

HTS_CURVE_CLASS_CLUSTER	Independent		18
HTS_CURVE_CLASS_CLUSTER_PUBLIC	Independent		18
HTS_DATA	Independent	HTSDATA_ID	82
HTS_DATA_ANALYZED	Independent	HTSDATAANALYZED_ID	27
HTS_DB_LOOKUP	Independent		11
HTS_DB_LOOKUP_CHEMICAL	Independent		5
HTS_LOOKUP	Independent		9
HTS_LOOKUP_CHEMICAL	Independent		2
HTS_LOOKUP_CHEMICAL_PUBLIC	Independent		3
HTS_LOOKUP_PUBLIC	Independent		9
HTS_NTP_CALL	Independent	HTSNTPCALL_ID	9
HTS_RESULT_CLUSTER	Independent		20
INVESTIGATION	Independent	INVESTIGATION_ID	15
JJ_COMPARATOR	Independent	JJCOMPARATOR_ID	5
JJ_FOLDCHANGE	Independent	JJGENE_ID,JJCOMPARATOR_ID	3
JJ_FOLDCHANGE_CORR	Independent	COMPARISION_ID_1,COMPARISION_ID_2	3
JJ_GENE	Independent	JJGENE_ID	21
MASSPEC_DATA	Independent	MASSPECDATA_ID	2
MICROARRAY_ATTR	Independent	MICROARRAY_ATTR	7
MICROARRAY_ATTR_CV	Independent	CV_VALUE,MICROARRAY_ATTR	7
MICROARRAY_ATTR_RELEVANCE	Independent	OBJECT_NAME,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE,MICROARRAY_ATTR	5
MICROARRAY_HYB	Independent	MICROARRAYHYB_ID	16
MICROARRAY_HYB_CHAR	Independent	MICROARRAYHYB_ID,MICROARRAY_ATTR	4
MICROARRAY_HYB_DATA	Independent	MICROARRAYHYB_ID,MICROARRAY_TYPE,CEBS_PROBE_ID	9
MICROARRAY_HYB_DATA_LOG10	Independent	MICROARRAYHYB_ID,MICROARRAY_TYPE,CEBS_PROBE_ID	9
MICROARRAY_TYPE	Independent	MICROARRAY_TYPE	14
MICROARRAY_TYPE_SPOT	Independent	MICROARRAY_TYPE,CEBS_PROBE_ID	7
MT_CHEMICAL_STRESSOR	Independent	CHEMICAL_ID	37
MT_DISEASE_STRESSOR	Independent	DISEASE_ID	1
MT_ENVIRONMENT_STRESSOR	Independent	ENVIROMENTSTRESSOR_ID	4
MT_GENETIC_STRESSOR	Independent	GENETICSTRESSOR_ID	11
MT_ORGAN	Independent		9
MT_STRESSOR	Independent	MT_STRESSOR_ID	3
MT_STRESSOR_DEFINITION	Independent	STRESSOR_PARAMETER,MT_STRESSOR_ID,PARAMETER_VALUE	7
MT_STRESSOR_NTP_ABSTRACT	Independent		11
MT_STRESSOR_NTP_PUBLICATION	Independent	MT_STRESSOR_NTP_PUB_ID	10
MT_STRESSOR_NTP_STUDY_ABSTRACT	Independent	CAS_NUMBER,NTP_STUDY_NUMBER	3
MT_STRESSOR_NTP_UNUSED	Independent		2
MT_STRESSOR_PARAMETER	Independent	STRESSOR_PARAMETER	10
MT_STRESSOR_PARAMETER_CV	Independent	STRESSOR_PARAMETER,CV_VALUE	7
MT_STRESSOR_PARAMETER_REL	Independent	STRESSOR_PARAMETER,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE,OBJECT_NAME	5
MT_STRESSOR_SYNONYM	Independent	MT_STRESSOR_ID,STRESSOR_SYNONYM_NAME	7
MT_STRESSOR_TYPE	Independent	STRESSOR_TYPE,MT_STRESSOR_ID	2
MV_CHEMICAL_SEARCH	Independent		3
MV_UI_CHEMICALS_AVAILABLE_DATA	Independent		5
NLM_DATA	Independent		4
NLM_DATA2	Independent		4
NLM_DATA_MAP	Independent		6
NMR_DATA	Independent	NMRDATA_ID	2
NTP_INVESTIGATIONS	Independent		8
NTP_INVESTIGATIONS_OLD	Independent		6
PARTICIPANT_ATTR	Independent	PARTICIPANT_ATTR	11
PARTICIPANT_ATTR_ALIAS	Independent	PARTICIPANT_ATTR,ALIAS_NAME	9
PARTICIPANT_ATTR_CV	Independent	PARTICIPANT_ATTR,CV_VALUE	7
PARTICIPANT_ATTR_RELEVANCE	Independent	PARTICIPANT_ATTR,OBJECT_PROPERTY_VALUE,OBJECT_PROPERTY,OBJECT_NAME	5
PARTICIPANT_CHARACTERISTICS	Independent	PARTICIPANTCHARACTERISTICS_ID	10
PERSONNEL	Independent	PERSONNEL_ID	21
PROBE_ENTREZ	Independent	PROBE_ID_MFR,ENTREZ_ID	2
PROBE_GENBANK	Independent	PROBE_ID_MFR,GENBANK_ID	2
PROBE_GENE_NAME	Independent	PROBE_ID_MFR,GENE_NAME	2
PROBE_GENE_SYMBOL	Independent	PROBE_ID_MFR,GENE_SYMBOL	2
PROBE_SEQUENCE	Independent	PROBE_ID_MFR,PROBE_SEQUENCE	2
PROBE_UNIGENE	Independent	PROBE_ID_MFR,UNIGENE_ID	2
PROTEOMICS_GEL	Independent	PROTEOMICSGEL_ID	18
PROTEOMICS_RESULTS	Independent		12
PROTOCOL_ATTR	Independent	PROTOCOL_ATTR	7
PROTOCOL_ATTR_ALIAS	Independent	PROTOCOL_ATTR,ALIAS_NAME	9
PROTOCOL_ATTR_CV	Independent	PROTOCOL_ATTR,CV_VALUE	7
PROTOCOL_ATTR_RELEVANCE	Independent	PROTOCOL_ATTR,OBJECT_NAME,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE	5
PROTOCOL_CHARACTERISTICS	Independent	PROTOCOL_TYPE,PROTOCOL_ATTR,STUDYPROTOCOL_ID	8
PROTOCOL_CLASS	Independent	PROTOCOL_CLASS	2
PROTOCOL_TYPE	Independent	PROTOCOL_TYPE	8

PROTOCOL_TYPE_ALIAS	Independent	ALIAS_NAME,PROTOCOL_TYPE	5
PROTOCOL_TYPE_ATTR	Independent	PROTOCOL_TYPE,PROTOCOL_ATTR	11
PROTOCOL_TYPE_RELEVANCE	Independent	PROTOCOL_TYPE,OBJECT_PROPERTY_VALUE,OBJECT_PROPERTY,OBJECT_NAME	5
PUBLICATION	Independent	PUBLICATION_ID	20
QUEST_TEMP_EXPLAIN	Independent		29
RPTS_STUDY	Independent	STUDY_ID	15
RPTS_TRT_GROUPS	Independent		18
STD_UNIT_CONVERSION	Independent	PROTOCOL_TYPE,DEPOSITOR_UNIT	4
STRESSOR_TYPE	Independent	STRESSOR_TYPE	1
STUDY	Independent	STUDY_ID	9
STUDY_ASSAY_INPUT	Independent	STUDYASSAYINPUT_ID	8
STUDY_ASSAY_INPUT_PARTICIPANT	Independent	STUDYASSAYINPUTPARTICIPANT_ID	4
STUDY_ATTR	Independent	STUDY_ATTR	12
STUDY_ATTR_ALIAS	Independent	STUDY_ATTR,ALIAS_NAME	9
STUDY_ATTR_CV	Independent	STUDY_ATTR,CV_VALUE	7
STUDY_CHARACTERISTICS	Independent	STUDY_ID,STUDY_ATTR,ATTR_VALUE	4
STUDY_DATA	Independent	STUDYDATA_ID	109
STUDY_DATA_DOMAIN	Independent	STUDY_ID,DATA_DOMAIN	2
STUDY_DATA_FILES	Independent	FILE_ID	9
STUDY_EVENT	Independent	STUDYEVENT_ID	15
STUDY_GROUP_HIERARCHY	Independent	PARENT_GROUP_ID,CHILD_GROUP_ID	2
STUDY_PHASE	Independent	STUDYPHASE_ID	6
STUDY_PROTOCOL	Independent	STUDYPROTOCOL_ID	6
STUDY_SIFT_FILE	Independent	STUDY_ID	6
STUDY_SIFT_FILE2012	Independent		6
STUDY_STRESSOR	Independent	STUDYSTRESSOR_ID	7
STUDY_STRESSOR_PROTOCOL	Independent	STUDYSTRESSOR_ID,STUDYPROTOCOL_ID	2
STUDY_SUBJECT	Independent	STUDYSUBJECT_ID	8
STUDY_SUBJECT_GROUP	Independent	STUDYSUBJECTGROUP_ID	11
STUDY_TIMELINE_EVENT	Independent	STUDYEVENT_ID,STUDYPROTOCOL_ID,STUDYSUBJECTGROUP_ID	4
TABLE_COLUMNS_MAPPING	Independent	TABLE_NAME,MAPPING_NAME,TABLE_COLUMN	4
TDMSE_MEGAP08	Independent	MEGAP8_ID	30
TEMP_BM_TRAIL_IDS	Independent		1
TEMP_DD_REPORT	Independent	DATA_DOMAIN,TERM	4
TEMP_HISTO_DEVITO	Independent		12
TEMP_MAX_TD	Independent		15
TEMP_PATH_SCOTT_CHRONIC	Independent		8
TEMP_PATH_SCOTT_CHRONIC1	Independent		8
TEMP_PATH_SCOT_90DAYS	Independent		8
TEMP_PATH_SCOT_90DAYS1	Independent		8
TEMP_SCOTT_CHEMICAL_MATCH	Independent		4
TEMP_SUPER_GROUPS	Independent		2
TEMP_TDMSE2	Independent		1
TEMP_TOX21_ID	Independent		3
TEMP_UNITS_TABLE	Independent		1
TOAD_PLAN_TABLE	Independent		36
TOX21_ACCESSION_NUMBER	Independent		18
TOX21_ACCESSION_NUMBER2	Independent		18
TOX21_STUDY	Independent		2
TRANSFORMATION	Independent	TRANSFORMATION_ID	7
TRANSFORMATION_ASSAY	Independent	TRANSFORMATION_ASSAY	1
TRANSFORMATION_ASSAY_ASSAY	Independent	TRANSFORMATION_ASSAY,PROTOCOL_TYPE	2
TRANSFORMATION_GROUP_OUTLIERS	Independent	STUDYSUBJECT_ID,TRANSFORMATION_ID	2
TRANSFORMATION_RULES	Independent	TRANSFORMATION_PROTOCOL	4
TREND_ANALYSIS	Independent	TRANSFORMATION_ID	12
UI_ALL_ASSAYS_1	Independent		993
UI_ALL_ASSAYS_2	Independent		933
UI_ALL_ATTRS	Independent		261
UI_ALL_HISTO	Independent		41
UI_ALL_HISTO_LOOKUP	Independent		18
UI_ALL_HISTO_NTP	Independent		26
UI_ALL_HISTO_NTP_LOOKUP	Independent		20
UI_ALL_HISTO_NTP_SUMMARY	Independent		27
UI_ALL_HISTO_NTP_SUMMARYLOOKUP	Independent		12
UI_ALL_HISTO_SUMMARY	Independent		29
UI_ALL_HISTO_SUMMARY_LOOKUP	Independent		12
UI_ALL_MICROARRAY	Independent	STUDY_ID,MICROARRAY_TYPE,EXTRACTLABELED_ID,STUDYASSAYINPUT_ID,EXTRACT_ID,HYB_ID	12
UI_ALL_PARTICIPANTS	Independent		3
UI_ALL_PARTICIPANTS_OLD	Independent		3
UI_ASSAYS_LOOKUP	Independent		5
UI_ASSAYS_NAMES	Independent		4
UI_DATAMATRIX	Independent	DATAMATRIX_ID	15

UI_DATAMATRIX_PROGRESS	Independent		12
UI_DOWNLOADABLE_ATTRS	Independent		3
UI_DP_ROD_CYTO_CA	Independent		53
UI_GT_BACTERIAL_MUTAGENICITY	Independent		13
UI_HISTO_CV	Independent		7
UI_MAX_TOLERATED_DOSE	Independent		15
UI_MICROARRAY_MAP	Independent	STUDY_ID,EXTRACTLABELED_ID,STUDYASSAYINPUT_ID,EXTRACT_ID,MICROARRAYHYB_ID	9
UI_MICROARRAY_MAP_ALL	Independent		9
UI_NTP_CONTROLS_HISTO	Independent		32
UI_NTP_CONTROLS_HISTO_POST1982	Independent		40
UI_NTP_CONTROLS_HISTO_PRE1982	Independent		40
UI_NTP_HISTO_POST1982_UTERUS	Independent		42
UI_POST_PROCESSING_STATUS	Independent	STUDY_ID	8
UI_SA_SEARCH	Independent		4
UI_SA_SEARCH_TERM_MAP	Independent		4
UI_SA_TR	Independent		30
UI_SEARCHABLE_ATTR	Independent	DATA_TYPE,ATTR_VALUE,ATTR	10
UI_SEARCHABLE_STUDY	Independent		5
UI_SEARCHABLE_SUBJECT	Independent		7
UI_SEARCHABLE_SUBJECT_OLD	Independent		7
UI_SITE_ASSOCIATION	Independent		31
UI_STUDY_ASSAYS	Independent		6
UI_STUDY_DATA_COLUMNS	Independent	STUDY_ID,TEST_NAME,DATA_DOMAIN_CEBS	4
UI_STUDY_DOWNLOADABLE_ATTRS	Independent		4
UI_STUDY_FACTORS	Independent	STUDY_ID,PARTICIPANT_TYPE,PARTICIPANT_ID	35
UI_STUDY_FACTOR_VALUES	Independent	STUDY_ID,PARTICIPANT_TYPE,PARTICIPANT_ID	5
UI_STUDY_REPORT_TEMPLATE	Independent	ACCESSION_NUMBER,TEMPLATE_FILE	2
UI_STUDY_STRESSOR_WITH_TYPE	Independent		10
UI_STUDY_TIMELINE	Independent	STUDY_ID	6
UI_TIMELINE_DISPLAY	Independent	TIMELINE_DISPLAY	6
UI_TIMELINE_TYPE	Independent	TIMELINE_TYPE	11
UI_WF_BACTERIAL_MUTAGENICITY	Independent		7
UI_WF_D_G_CELL_MUTAGENICITY	Independent		6
UI_WF_LONGTERM	Independent		10
UI_WF_MAM_CELL_CYTOGENETICS	Independent		7
UI_WF_MAM_CELL_MUTAGENICITY	Independent		6
UI_WF_MICRONUCLEUS	Independent		9
UI_WF_TOX21_2_88_REP	Independent		17
UI_WF_TOX21_2_ALL_PLATES	Independent		5
UI_WF_TOX21_2_LOOKUP	Independent		10
UI_WF_TOX21_2_RESULT	Independent		20
UI_WF_TOX21_2_RESULT1	Independent		20
UI_WF_TOX21_2_TOTAL	Independent		3
UI_WF_TOX21_PHASE1	Independent		11
UI_WF_TOX21_PHASE1_LOOKUP	Independent		7
UI_WORKPLACE_ITEM	Independent	WORKPLACE_UUID	11
VALUE_TYPE_CV	Independent	VALUE_TYPE	6
V_CONTROLS_GROUPS_AVG	Independent		4
V_DATA_DICTIONARY_REPORT	Independent		3
V_GROUPS_AND_HYBS	Independent		11
V_HISTO_DATA	Independent		8
V_INVESTIGATION_DETAILS	Independent		3
V_INVESTIGATION_STUDY_LIST	Independent		13
V_MICROARRAY_VALUES_LINEAR	Independent		8
V_MICROARRAY_VALUES_LOG10	Independent		11
V_MICROARRAY_VALUES_LOG2	Independent		8
V_PARTICIPANT_ATTR	Independent		7
V_SEARCHABLE_ATTR	Independent		5
V_STUDY_ASSAY_UNITS	Independent		4
V_STUDY_FACTORS	Independent		6
V_STUDY_FACTORS1	Independent		4
V_STUDY_HYB	Independent		10
V_STUDY_PROTOCOLS_ATTRS	Independent		10

ACCESSION_NUMBER

Entity Name: ACCESSION_NUMBER

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (100)	N
INVESTIGATION_TITLE	VARCHAR2 (200)	Y
STUDY_TITLE	VARCHAR2 (250)	Y
ORGANIZATION_NAME	VARCHAR2 (100)	Y
ORGANIZATION_CODE	VARCHAR2 (3)	Y
GROUP_NAME	VARCHAR2 (200)	Y
GROUP_CODE	VARCHAR2 (5)	Y
STUDY_NAME	VARCHAR2 (100)	Y
STUDY_CODE	VARCHAR2 (4)	Y
DATA_CODE	VARCHAR2 (3)	Y
DATA_TYPE_DESCRIPTION	VARCHAR2 (200)	Y
REASON_TO_RETIRED	VARCHAR2 (1000)	Y
IS_STUDY_ACCESSION_NUMBER	CHAR (1)	Y
CREATION_DATE	DATE	Y
CREATED_BY	VARCHAR2 (50)	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
STUDY_COUNT	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ACCESS_GROUPS

Entity Name: ACCESS_GROUPS
Entity Type: Independent
Primary Keys: USER_NAME,NIH_DOMAIN,ACCESS_GROUP

Attributes

	Column Name	Data Type	Nullable
USER_NAME		VARCHAR2 (100)	N
NIH_DOMAIN		VARCHAR2 (6)	N
ACCESS_GROUP		VARCHAR2 (100)	N
USER_PASSWORD		VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ACCESS_LOG

Entity Name: ACCESS_LOG

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
USER_NAME	VARCHAR2 (100)	Y
USER_PASSWORD	VARCHAR2 (100)	Y
NIH_DOMAIN	VARCHAR2 (6)	Y
LOGIN_DATE	TIMESTAMP(6)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ACCESS_RIGHTS

Entity Name: ACCESS_RIGHTS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESS_GROUP	VARCHAR2 (100)	N
STUDY_ACCESSION_NUMBER	VARCHAR2 (50)	Y
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (50)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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ANA_FILE

Entity Name: ANA_FILE
Entity Type: Independent
Primary Keys: FILE_ID

Attributes

Column Name	Data Type	Nullable
FILE_ID	NUMBER (38,0)	N
FILE_NAME	VARCHAR2 (500)	Y
FILE_COTENT	BLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ANA_JOB

Entity Name: ANA_JOB
Entity Type: Dependent
Primary Keys: JOB_ID

Attributes

Column Name	Data Type	Nullable
JOB_ID	NUMBER (38,0)	N
TASK_ID	NUMBER (38,0)	N
STATUS_ID	NUMBER (38,0)	N
DATE_SUBMITTED	DATE	Y
DATE_COMPLETED	DATE	Y
INPUT_FILENAME	VARCHAR2 (2000)	Y
RESULT_FILENAME	VARCHAR2 (2000)	Y
PARAMETER_INFO	VARCHAR2 (2000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_ANA_TASK	TASK_ID	ANA_TASK
F_ANA_JOB_STATUS	STATUS_ID	ANA_JOB_STATUS

ANA_JOB_FILE

Entity Name: ANA_JOB_FILE
Entity Type: Dependent
Primary Keys: JOB_ID,FILE_ID

Attributes

Column Name	Data Type	Nullable
JOB_ID	NUMBER (38,0)	N
FILE_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
ANA_JOB_FILE_FK	FILE_ID	ANA_FILE
ANA_JOB_FILE_JOB_FK	JOB_ID	ANA_JOB

ANA_JOB_STATUS

Entity Name: ANA_JOB_STATUS
Entity Type: Independent
Primary Keys: STATUS_ID

Attributes

	Column Name	Data Type	Nullable
	STATUS_ID	NUMBER (38,0)	N
	STATUS_NAME	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ANA_TASK

Entity Name: ANA_TASK
Entity Type: Independent
Primary Keys: TASK_ID

Attributes

Column Name	Data Type	Nullable
TASK_ID	NUMBER (38,0)	N
TASK_NAME	VARCHAR2 (200)	Y
DESCRIPTION	VARCHAR2 (200)	Y
CLASSNAME	VARCHAR2 (100)	N
PARAMETER_INFO	VARCHAR2 (2000)	Y
LOAD_FLAG	CHAR (1)	Y
TASKINFOATTRIBUTES	VARCHAR2 (2000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ASSAY_DATA_DOMAIN

Entity Name: ASSAY_DATA_DOMAIN
Entity Type: Dependent
Primary Keys: DATA_DOMAIN,PROTOCOL_TYPE

Attributes

Column Name	Data Type	Nullable
DATA_DOMAIN	VARCHAR2 (50)	N
PROTOCOL_TYPE	VARCHAR2 (100)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_DATA_DOMAIN_2	DATA_DOMAIN	DATA_DOMAIN
F_PROTOCOL_TYPE_88	PROTOCOL_TYPE	PROTOCOL_TYPE

ATTR_TYPE

Entity Name: ATTR_TYPE
Entity Type: Independent
Primary Keys: ATTR_TYPE

Attributes

	Column Name	Data Type	Nullable
ATTR_TYPE		VARCHAR2 (50)	N
DESCRIPTION		VARCHAR2 (3000)	Y
LAST_UPDATE_DATE		DATE	Y
IS_CV		CHAR (1)	Y
UPDATED_BY		VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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ATTR_TYPE_CV

Entity Name: ATTR_TYPE_CV
Entity Type: Dependent
Primary Keys: ATTR_TYPE,CV_VALUE

Attributes

	Column Name	Data Type	Nullable
	ATTR_TYPE	VARCHAR2 (50)	N
	CV_VALUE	VARCHAR2 (500)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	LAST_UPDATE_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (500)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_ATTR_TYPE_29	ATTR_TYPE	ATTR_TYPE

BUNDLES_HISTOPATHOLOGY

Entity Name: BUNDLES_HISTOPATHOLOGY

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
CHEMICAL_NAME	VARCHAR2 (500)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
STUDY_TITLE	VARCHAR2 (300)	Y
STUDY_ID	NUMBER (38,0)	N
ACCESSION_NUMBER	VARCHAR2 (50)	Y
DEPOSITOR_STUDY_NUMBER	VARCHAR2 (1000)	Y
ORGANIZATION_NAME	VARCHAR2 (15)	Y
START_DATE	VARCHAR2 (1000)	Y
END_DATE	VARCHAR2 (1000)	Y
LABORATORY	VARCHAR2 (1000)	Y
DOSE	VARCHAR2 (50)	Y
DOSE_UNIT	VARCHAR2 (20)	Y
DOSE_DESC	VARCHAR2 (200)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
TIME_IN_STUDY	NUMBER (6,2)	Y
TIME_IN_STUDY_UNIT	VARCHAR2 (15)	Y
GROUP_NAME	VARCHAR2 (150)	Y
CAGE	VARCHAR2 (150)	Y
IS_CONTROL_GROUP	CHAR (1)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
SUBJECT_NAME	VARCHAR2 (150)	Y
SUBJECT_DEATH_STATUS	VARCHAR2 (1000)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
BODY_SYSTEM	VARCHAR2 (100)	Y
ORGAN	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
DIAGNOSIS_DURATION	VARCHAR2 (100)	Y
SEVERITY	VARCHAR2 (100)	Y
DISTRIBUTION	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (100)	Y
DEGEN_QUAL	VARCHAR2 (100)	Y
NO_OF_INSTANCES	VARCHAR2 (100)	Y
GROWTH_PATTERN	VARCHAR2 (100)	Y
EXUDATE	VARCHAR2 (100)	Y
INFILTRATING_CELLS	VARCHAR2 (100)	Y
COLOR	VARCHAR2 (100)	Y
OTHER	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
IS_METASTATIC	CHAR (1)	Y
IS_SYSTEMIC	CHAR (1)	Y
IS_MALIGNANT	CHAR (1)	Y

IS_PROTOCOL_REQ_TISS	CHAR (1)	Y
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Relationships

Constraint Name	Columns Involve	Linked Table
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BUNDLES_KEYS

Entity Name: BUNDLES_KEYS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
ASSAY_ABBR	VARCHAR2 (30)	Y
ASSAY_NAME	VARCHAR2 (100)	Y
DATA_DOMAIN	VARCHAR2 (50)	Y
NTP_STUDY_TYPE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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CEBS_CONCLUSION_CV

Entity Name: CEBS_CONCLUSION_CV
Entity Type: Independent
Primary Keys: CEBS_CONCLUSION

Attributes

	Column Name	Data Type	Nullable
	CEBS_CONCLUSION	VARCHAR2 (10)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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CONCLUSION

Entity Name: CONCLUSION
Entity Type: Independent
Primary Keys: CONCLUSION_ID

Attributes

Column Name	Data Type	Nullable
CONCLUSION_ID	NUMBER (38,0)	N
STUDY_ACCESSION_NUMBER	VARCHAR2 (50)	Y
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (50)	Y
CONCLUSION_TYPE	VARCHAR2 (15)	Y
CONCLUSION_TITLE	VARCHAR2 (100)	Y
CONCLUSION_BODY	VARCHAR2 (4000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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CTD_LINKAGE

Entity Name: CTD_LINKAGE

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
CHEMICAL_NAME	VARCHAR2 (400)	Y
CHEMICAL_ACCESSION	VARCHAR2 (20)	Y
CAS_NUMBER	VARCHAR2 (20)	Y
HYPERLINK	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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DATA_DOMAIN

Entity Name: DATA_DOMAIN
Entity Type: Independent
Primary Keys: DATA_DOMAIN

Attributes

Column Name	Data Type	Nullable
DATA_DOMAIN	VARCHAR2 (50)	N
DESCRIPTION	VARCHAR2 (200)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
DATA_TABLE	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_LIVER_DB_ATTR

Entity Name: EPA_LIVER_DB_ATTR
Entity Type: Independent
Primary Keys: ATTR

Attributes

	Column Name	Data Type	Nullable
	ATTR	VARCHAR2 (10)	N
	ATTR_NAME	VARCHAR2 (200)	Y
	ATTR_DESCRIPTION	VARCHAR2 (2000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_LIVER_DB_GENE

Entity Name: EPA_LIVER_DB_GENE
Entity Type: Independent
Primary Keys: GENE_ID

Attributes

	Column Name	Data Type	Nullable
GENE_ID		NUMBER (38,0)	N
GENE_TITLE		VARCHAR2 (3000)	Y
GENE_SYMBOL		VARCHAR2 (2000)	Y
PROBE_SET_ID		VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_LIVER_DB_META_DATA

Entity Name: EPA_LIVER_DB_META_DATA
Entity Type: Independent
Primary Keys: META_DATA_ID

Attributes

Column Name	Data Type	Nullable
META_DATA_ID	NUMBER (38,0)	N
ATTR_1	VARCHAR2 (300)	Y
ATTR_2	VARCHAR2 (300)	Y
ATTR_3	VARCHAR2 (300)	Y
ATTR_4	VARCHAR2 (300)	Y
ATTR_5	VARCHAR2 (300)	Y
ATTR_6	VARCHAR2 (300)	Y
ATTR_7	VARCHAR2 (300)	Y
ATTR_8	VARCHAR2 (300)	Y
ATTR_9	VARCHAR2 (300)	Y
ATTR_10	VARCHAR2 (300)	Y
ATTR_11	VARCHAR2 (300)	Y
ATTR_12	VARCHAR2 (300)	Y
ATTR_13	VARCHAR2 (300)	Y
ATTR_14	VARCHAR2 (300)	Y
ATTR_15	VARCHAR2 (300)	Y
ATTR_16	VARCHAR2 (300)	Y
ATTR_17	VARCHAR2 (300)	Y
ATTR_18	VARCHAR2 (300)	Y
ATTR_19	VARCHAR2 (300)	Y
ATTR_20	VARCHAR2 (300)	Y
ATTR_21	VARCHAR2 (300)	Y
ATTR_22	VARCHAR2 (300)	Y
ATTR_23	VARCHAR2 (300)	Y
ATTR_24	VARCHAR2 (300)	Y
ATTR_25	VARCHAR2 (300)	Y
ATTR_26	VARCHAR2 (300)	Y
ATTR_27	VARCHAR2 (300)	Y
ATTR_28	VARCHAR2 (300)	Y
ATTR_29	VARCHAR2 (300)	Y
ATTR_30	VARCHAR2 (300)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_LIVER_DB_SIGNATURE_VALUE

Entity Name: EPA_LIVER_DB_SIGNATURE_VALUE
Entity Type: Dependent
Primary Keys: GENE_ID,META_DATA_ID

Attributes

Column Name	Data Type	Nullable
GENE_ID	NUMBER (38,0)	N
META_DATA_ID	NUMBER (38,0)	N
SIGNATURE_VALUE	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
REFEPA_LIVER_DB_GENE1	GENE_ID	EPA_LIVER_DB_GENE
REFEPA_LIVER_DB_META_DATA2	META_DATA_ID	EPA_LIVER_DB_META_DATA

EPA_LIVER_DB_SIGNATURE_VALUE1

Entity Name: EPA_LIVER_DB_SIGNATURE_VALUE1
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
GENE_ID	NUMBER (38,0)	N
META_DATA_ID	NUMBER (38,0)	N
SIGNATURE_VALUE	NUMBER (20,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_COMP

Entity Name: EPA_MLDB_F_COMP
Entity Type: Independent
Primary Keys: COMPARISION_ID

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	COMPARISION_NAME	VARCHAR2 (200)	Y
	IS_DELETED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_COMP_LINK

Entity Name: EPA_MLDB_F_COMP_LINK

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	COMPARISION_NAME	VARCHAR2 (200)	Y
	STUDY_ID	NUMBER (38,0)	Y
	ACCESSION_NUMBER	VARCHAR2 (50)	Y
	LINK_SOURCE	VARCHAR2 (100)	Y
	LINK_ID	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_COMP_MD

Entity Name: EPA_MLDB_F_COMP_MD
Entity Type: Dependent
Primary Keys: COMPARISION_ID,META_DATA

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	META_DATA	VARCHAR2 (100)	N
	META_DATA_VALUE	VARCHAR2 (200)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	FK_EPA_MLDB_F_COMP_1	COMPARISION_ID	EPA_MLDB_F_COMP
	FK_EPA_MLDB_F_META_DATA	META_DATA	EPA_MLDB_F_META_DATA

EPA_MLDB_F_CORR

Entity Name: EPA_MLDB_F_CORR
Entity Type: Independent
Primary Keys: COMPARISION_ID_1,COMPARISION_ID_2

Attributes

Column Name	Data Type	Nullable
COMPARISION_ID_1	NUMBER (38,0)	N
COMPARISION_ID_2	NUMBER (38,0)	N
CORRELATION	NUMBER (20,10)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_GENE

Entity Name: EPA_MLDB_F_GENE
Entity Type: Independent
Primary Keys: GENE_ID

Attributes

	Column Name	Data Type	Nullable
GENE_ID		NUMBER (38,0)	N
GENE_TITLE		VARCHAR2 (3000)	Y
GENE_SYMBOL		VARCHAR2 (2000)	Y
PROBE_SET_ID		VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_META_DATA

Entity Name: EPA_MLDB_F_META_DATA
Entity Type: Independent
Primary Keys: META_DATA

Attributes

Column Name	Data Type	Nullable
META_DATA	VARCHAR2 (100)	N
IS_PART_OF_COMP	CHAR (1)	Y
META_DATA_DESCRIPTION	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_F_SIGNATURE

Entity Name: EPA_MLDB_F_SIGNATURE
Entity Type: Dependent
Primary Keys: GENE_ID,COMPARISION_ID,SIGNATURE_VALUE

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	GENE_ID	NUMBER (38,0)	N
	SIGNATURE_VALUE	VARCHAR2 (100)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	FK_EPA_MLDB_F_GENE	GENE_ID	EPA_MLDB_F_GENE
	FK_EPA_MLDB_F_COMP_2	COMPARISION_ID	EPA_MLDB_F_COMP

EPA_MLDB_UF_COMP

Entity Name: EPA_MLDB_UF_COMP

Entity Type: Independent

Primary Keys: COMPARISION_ID

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	COMPARISION_NAME	VARCHAR2 (200)	Y
	IS_DELETED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_UF_COMP_LINK

Entity Name: EPA_MLDB_UF_COMP_LINK
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	COMPARISION_NAME	VARCHAR2 (200)	Y
	STUDY_ID	NUMBER (38,0)	Y
	ACCESSION_NUMBER	VARCHAR2 (50)	Y
	LINK_SOURCE	VARCHAR2 (100)	Y
	LINK_ID	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_UF_COMP_MD

Entity Name: EPA_MLDB_UF_COMP_MD
Entity Type: Dependent
Primary Keys: COMPARISION_ID,META_DATA

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	META_DATA	VARCHAR2 (100)	N
	META_DATA_VALUE	VARCHAR2 (200)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	FK_EPA_MLDB_UF_COMP_1	COMPARISION_ID	EPA_MLDB_UF_COMP
	FK_EPA_MLDB_UF_META_DATA	META_DATA	EPA_MLDB_UF_META_DATA

EPA_MLDB_UF_CORR

Entity Name: EPA_MLDB_UF_CORR
Entity Type: Independent
Primary Keys: COMPARISION_ID_1,COMPARISION_ID_2

Attributes

Column Name	Data Type	Nullable
COMPARISION_ID_1	NUMBER (38,0)	N
COMPARISION_ID_2	NUMBER (38,0)	N
CORRELATION	NUMBER (20,10)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_UF_GENE

Entity Name: EPA_MLDB_UF_GENE

Entity Type: Independent

Primary Keys: GENE_ID

Attributes

	Column Name	Data Type	Nullable
	GENE_ID	NUMBER (38,0)	N
	GENE_TITLE	VARCHAR2 (3000)	Y
	GENE_SYMBOL	VARCHAR2 (2000)	Y
	PROBE_SET_ID	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_UF_META_DATA

Entity Name: EPA_MLDB_UF_META_DATA
Entity Type: Independent
Primary Keys: META_DATA

Attributes

Column Name	Data Type	Nullable
META_DATA	VARCHAR2 (100)	N
IS_PART_OF_COMP	CHAR (1)	Y
META_DATA_DESCRIPTION	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EPA_MLDB_UF_SIGNATURE

Entity Name: EPA_MLDB_UF_SIGNATURE
Entity Type: Dependent
Primary Keys: COMPARISION_ID,GENE_ID,SIGNATURE_VALUE

Attributes

	Column Name	Data Type	Nullable
	COMPARISION_ID	NUMBER (38,0)	N
	GENE_ID	NUMBER (38,0)	N
	SIGNATURE_VALUE	VARCHAR2 (30)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	FK_EPA_MLDB_UF_GENE	GENE_ID	EPA_MLDB_UF_GENE
	FK_EPA_MLDB_UF_COMP_2	COMPARISION_ID	EPA_MLDB_UF_COMP

ERA_DATA

Entity Name: ERA_DATA
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
LOW_DOSE	NUMBER (10,3)	Y
HIGH_DOSE	NUMBER (10,3)	Y
LOAEL	NUMBER (10,3)	Y
NOAEL	NUMBER (10,3)	Y
NOEL	NUMBER (10,3)	Y
LOEL	NUMBER (10,3)	Y
DOSE_UNIT	VARCHAR2 (10)	Y
EFFECT_BRIEF	VARCHAR2 (100)	Y
EFFECT_DETAILED	VARCHAR2 (4000)	Y
SEX	VARCHAR2 (6)	Y
SPECIES	VARCHAR2 (50)	Y
STRAIN	VARCHAR2 (50)	Y
DURATION	VARCHAR2 (50)	Y
ROUTE	VARCHAR2 (50)	Y
SYSTEM	VARCHAR2 (50)	Y
REFERENCE	VARCHAR2 (50)	Y
ENDPOINT	VARCHAR2 (50)	Y
NOTES	VARCHAR2 (4000)	Y
COMPOUND	VARCHAR2 (50)	Y
STUDY	VARCHAR2 (3000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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EVENT_TYPE

Entity Name: EVENT_TYPE
Entity Type: Dependent
Primary Keys: EVENTTYPE_ID

Attributes

	Column Name	Data Type	Nullable
	EVENTTYPE_ID	NUMBER (38,0)	N
	EVENTTYPE_NAME	VARCHAR2 (50)	N
	PROTOCOL_CLASS	VARCHAR2 (100)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_CLASS_76	PROTOCOL_CLASS	PROTOCOL_CLASS

EXTRACT

Entity Name: EXTRACT
Entity Type: Dependent
Primary Keys: EXTRACT_ID

Attributes

	Column Name	Data Type	Nullable
	EXTRACT_ID	NUMBER (38,0)	N
	STUDY_ID	NUMBER (38,0)	N
	STUDYASSAYINPUT_ID	NUMBER (38,0)	N
	STUDYPROTOCOL_ID	NUMBER (38,0)	Y
	DISPLAY_NAME	VARCHAR2 (100)	Y
	DEPOSITOR_NAME	VARCHAR2 (100)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_51	STUDY_ID	STUDY
	F_STUDY_ASSAY_INPUT	STUDYASSAYINPUT_ID	STUDY_ASSAY_INPUT
	F_STUDY_PROTOCOL_62	STUDYPROTOCOL_ID	STUDY_PROTOCOL

EXTRACT_ATTR

Entity Name: EXTRACT_ATTR
Entity Type: Dependent
Primary Keys: EXTRACT_ATTR

Attributes

	Column Name	Data Type	Nullable
	EXTRACT_ATTR	VARCHAR2 (50)	N
	ATTR_TYPE	VARCHAR2 (50)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_ATTR_TYPE_65	ATTR_TYPE	ATTR_TYPE

EXTRACT_ATTR_CV

Entity Name: EXTRACT_ATTR_CV
Entity Type: Dependent
Primary Keys: EXTRACT_ATTR,CV_VALUE

Attributes

	Column Name	Data Type	Nullable
EXTRACT_ATTR		VARCHAR2 (50)	N
CV_VALUE		VARCHAR2 (100)	N
DESCRIPTION		VARCHAR2 (3000)	Y
CREATED_BY		VARCHAR2 (50)	Y
CREATION_DATE		DATE	Y
UPDATED_BY		VARCHAR2 (50)	Y
UPDATION_DATE		DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
F_EXTRACT_ATTR_67		EXTRACT_ATTR	EXTRACT_ATTR

EXTRACT_CHARACTERISTICS

Entity Name: EXTRACT_CHARACTERISTICS
Entity Type: Dependent
Primary Keys: EXTRACT_ID,EXTRACT_ATTR,EXTRACTLABELED_ID

Attributes

	Column Name	Data Type	Nullable
	EXTRACT_ID	NUMBER (38,0)	N
	EXTRACTLABELED_ID	NUMBER (38,0)	N
	EXTRACT_ATTR	VARCHAR2 (50)	N
	ATTR_VALUE	VARCHAR2 (500)	Y
	STUDY_ID	NUMBER (38,0)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_57	STUDY_ID	STUDY
	F_EXTRACT_56	EXTRACT_ID	EXTRACT
	F_EXTRACT_ATTR	EXTRACT_ATTR	EXTRACT_ATTR
	F_EXTRACT_LABELED_70	EXTRACTLABELED_ID	EXTRACT_LABELED

EXTRACT_LABELED

Entity Name: EXTRACT_LABELED
Entity Type: Dependent
Primary Keys: EXTRACTLABELED_ID

Attributes

Column Name	Data Type	Nullable
EXTRACTLABELED_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
DISPLAY_NAME	VARCHAR2 (100)	N
DEPOSITOR_NAME	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_52	STUDY_ID	STUDY
F_STUDY_PROTOCOL_71	STUDYPROTOCOL_ID	STUDY_PROTOCOL

EXTRACT_POOL

Entity Name: EXTRACT_POOL
Entity Type: Dependent
Primary Keys: EXTRACT_ID,EXTRACTLABELED_ID

Attributes

	Column Name	Data Type	Nullable
	EXTRACT_ID	NUMBER (38,0)	N
	EXTRACTLABELED_ID	NUMBER (38,0)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_EXTRACT	EXTRACT_ID	EXTRACT
	F_EXTRACT_LABELED	EXTRACTLABELED_ID	EXTRACT_LABELED

GDB_AGGREGATE_OBS

Entity Name: GDB_AGGREGATE_OBS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_NO	VARCHAR2 (10)	Y
PROTOCOL_NO	VARCHAR2 (20)	Y
DOSE_NO	VARCHAR2 (10)	Y
SUBJECT	VARCHAR2 (45)	Y
STUDY_STEP	VARCHAR2 (20)	Y
OBS_NAME	VARCHAR2 (50)	Y
OBS_TIME	VARCHAR2 (16)	Y
OBS_NUMBER	NUMBER (,)	Y
OBSERVATION	VARCHAR2 (16)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_ANIMALS

Entity Name: GDB_ANIMALS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_NO	VARCHAR2 (10)	N
ANIMAL_NO	VARCHAR2 (20)	N
DOSE_NO	VARCHAR2 (10)	Y
ANIMAL_ID	VARCHAR2 (10)	Y
SEX	VARCHAR2 (1)	Y
GENERATION	VARCHAR2 (2)	Y
REPLICATE	VARCHAR2 (1)	Y
PROTOCOL_NO	VARCHAR2 (20)	Y
TEST_GROUP	VARCHAR2 (8)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_ANIMAL_INFORMATION

Entity Name: GDB_ANIMAL_INFORMATION

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_NO	VARCHAR2 (10)	N
	ANIMAL_NO	VARCHAR2 (12)	N
	INFO_NAME	VARCHAR2 (12)	N
	INFORMATION	VARCHAR2 (20)	Y
	INFO_FLAG	VARCHAR2 (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_CODES

Entity Name: GDB_CODES

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	CODE	VARCHAR2 (25)	Y
	CODE_TYPE	VARCHAR2 (8)	Y
	SHORT_DESC	VARCHAR2 (32)	Y
	LONG_DESCRIPTION	VARCHAR2 (200)	Y
	SORT_NO	VARCHAR2 (4)	Y
	DISPLAY_PRECISION	NUMBER (2,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_CT_TESTS

Entity Name: GDB_CT_TESTS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
TEST_ARTICLE_NO	VARCHAR2 (7)	Y
STUDY_NO	VARCHAR2 (12)	Y
PRIMARY_CAS_NO	VARCHAR2 (12)	Y
REPORT_NO	VARCHAR2 (20)	Y
REPORT_LINK	VARCHAR2 (105)	Y
PDF_HTML_FLAG	CHAR (5)	Y
CREATE_USER	VARCHAR2 (20)	N
CREATE_DATE	DATE	N
UPDATE_USER	VARCHAR2 (20)	N
UPDATE_DATE	DATE	N
TEST_AGENT_STATUS_LINK	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_CT_TEST_ARTICLE_COMPONENTS

Entity Name: GDB_CT_TEST_ARTICLE_COMPONENTS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
TEST_ARTICLE_NO	VARCHAR2 (7)	Y
PARENT_NO	VARCHAR2 (20)	Y
CHILD_NO	VARCHAR2 (25)	Y
SORT_CHILD_NO	VARCHAR2 (25)	Y
SORT_ORDER	VARCHAR2 (15)	Y
CREATE_USER	VARCHAR2 (20)	N
CREATE_DATE	DATE	N
UPDATE_USER	VARCHAR2 (20)	N
UPDATE_DATE	DATE	N

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_CT_TEST_ARTICLE_NAMES

Entity Name: GDB_CT_TEST_ARTICLE_NAMES

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
TEST_ARTICLE_NO	VARCHAR2 (7)	N
TEST_ARTICLE_TYPE	CHAR (1)	N
TEST_ARTICLE_NAME	VARCHAR2 (180)	N
SORT_NAME	VARCHAR2 (180)	Y
SORT_ORDER	VARCHAR2 (2)	Y
CREATE_USER	VARCHAR2 (20)	N
CREATE_DATE	DATE	N
UPDATE_USER	VARCHAR2 (20)	N
UPDATE_DATE	DATE	N

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_CT_TEST_KEYS

Entity Name: GDB_CT_TEST_KEYS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
DATABASE_NAME	VARCHAR2 (10)	N
DATABASE_KEY1	VARCHAR2 (20)	N
DATABASE_KEY2	VARCHAR2 (20)	Y
TEST_ARTICLE_NO	VARCHAR2 (10)	Y
TEST_TYPE	VARCHAR2 (80)	Y
STUDY_NO	VARCHAR2 (12)	Y
ROUTE	VARCHAR2 (50)	Y
SPECIES	VARCHAR2 (100)	Y
STRAIN	VARCHAR2 (100)	Y
SPECIES_STRAIN_CODE	VARCHAR2 (30)	Y
SEX	VARCHAR2 (15)	Y
LENGTH	VARCHAR2 (400)	Y
RESULT	VARCHAR2 (75)	Y
START_YEAR	VARCHAR2 (4)	Y
STOP_YEAR	VARCHAR2 (4)	Y
DETAIL_FLAG	CHAR (1)	Y
CREATE_USER	VARCHAR2 (20)	N
CREATE_DATE	DATE	N
UPDATE_USER	VARCHAR2 (20)	N
UPDATE_DATE	DATE	N
SORT_LENGTH	VARCHAR2 (100)	Y
REPORT_LINK	VARCHAR2 (105)	Y
PDF_HTML_FLAG	CHAR (1)	Y
LAB_CODE	VARCHAR2 (20)	Y
STUDY_STATUS	VARCHAR2 (30)	Y
ROUTE_FROM_CHEMTRACK	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_DEFECT_CODES

Entity Name: GDB_DEFECT_CODES

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
EXAM_TYPE	VARCHAR2 (8)	Y
DEFECT_TYPE	VARCHAR2 (12)	Y
DEFECT_CODE	VARCHAR2 (4)	Y
DEFECT_DESCRIPTION	VARCHAR2 (70)	Y
DEFECT_CATEGORY	VARCHAR2 (40)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_DOSES

Entity Name: GDB_DOSES

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_NO	VARCHAR2 (10)	N
DOSE_NO	VARCHAR2 (10)	Y
DOSE	VARCHAR2 (36)	Y
VEHICLE	VARCHAR2 (50)	Y
DOSE_UNITS	VARCHAR2 (12)	Y
POSITIVE_CONTROL	VARCHAR2 (50)	Y
PROTOCOL_NO	VARCHAR2 (20)	Y
DOSE_FLAG	VARCHAR2 (1)	Y
CONTROL_FLAG	VARCHAR2 (1)	Y
LAB_DOSE_NO	VARCHAR2 (6)	Y
ROUTE	VARCHAR2 (10)	Y
DOSE_SCHEDULE	VARCHAR2 (20)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_OBSERVATIONS

Entity Name: GDB_OBSERVATIONS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_NO	VARCHAR2 (10)	N
	SUBJECT	VARCHAR2 (20)	N
	STUDY_STEP	VARCHAR2 (20)	N
	OBS_NAME	VARCHAR2 (25)	N
	OBSERVATION	VARCHAR2 (100)	Y
	OBS_FLAG	VARCHAR2 (1)	Y
	OBS_TIME	VARCHAR2 (16)	Y
	TEMP_OBS	VARCHAR2 (20)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_OBSERVATION_INFORMATION

Entity Name: GDB_OBSERVATION_INFORMATION
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_NO	VARCHAR2 (10)	Y
SUBJECT	VARCHAR2 (20)	Y
STUDY_STEP	VARCHAR2 (20)	Y
OBS_NAME	VARCHAR2 (20)	Y
INFORMATION_TYPE	VARCHAR2 (20)	Y
INFORMATION	VARCHAR2 (150)	Y
OBS_TIME	VARCHAR2 (16)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_OBSERVATION_KEYWORDS

Entity Name: GDB_OBSERVATION_KEYWORDS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
OBS_NAME	VARCHAR2 (25)	Y
OBS_KEYWORD	VARCHAR2 (25)	Y
KEYWORD_CATEGORY	VARCHAR2 (25)	Y
CLASSIFICATION	VARCHAR2 (6)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_OBS_TIME_LOOKUP

Entity Name: GDB_OBS_TIME_LOOKUP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
OBS_TIME	VARCHAR2 (50)	N
DECODED_TIME	VARCHAR2 (300)	Y
SORT_TIME	NUMBER (,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_PROTOCOL

Entity Name: GDB_PROTOCOL
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_NO	VARCHAR2 (10)	Y
	SPSTRN	VARCHAR2 (30)	Y
	EXPOSURE_LENGTH	VARCHAR2 (20)	Y
	PROTOCOL_NO	VARCHAR2 (20)	Y
	FEED	VARCHAR2 (45)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_STUDY

Entity Name: GDB_STUDY
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_NO	VARCHAR2 (10)	N
LAB_CODE	VARCHAR2 (3)	Y
LAB_STUDY_NO	VARCHAR2 (20)	Y
OTHER_ID	VARCHAR2 (15)	Y
CONTACT	VARCHAR2 (20)	Y
STUDY_DIRECTOR	VARCHAR2 (21)	Y
TEST_SYSTEM	VARCHAR2 (10)	Y
TEST_TYPE	VARCHAR2 (10)	Y
STUDY_DATE	VARCHAR2 (8)	Y
TEST_ARTICLE_NO	VARCHAR2 (10)	Y
STUDY_RESULTS	VARCHAR2 (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_STUDY_STEPS

Entity Name: GDB_STUDY_STEPS

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_NO	VARCHAR2 (10)	N
	TASK	VARCHAR2 (8)	Y
	STUDY_STEP	VARCHAR2 (20)	Y
	SEX	VARCHAR2 (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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GDB_SUBJECT_ANIMAL

Entity Name: GDB_SUBJECT_ANIMAL

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_NO	VARCHAR2 (10)	N
	SUBJECT	VARCHAR2 (20)	N
	SUBJECT_COMPONENT	VARCHAR2 (20)	Y
	COMPONENT_ID	VARCHAR2 (20)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_COMPOUND_PLATE_DATA

Entity Name: HTS_COMPOUND_PLATE_DATA
Entity Type: Independent
Primary Keys: TOX21_ID,SET_ID,WELL_ID,PLATE_ID

Attributes

	Column Name	Data Type	Nullable
	TOX21_ID	VARCHAR2 (20)	N
	SET_ID	NUMBER (3,0)	N
	PLATE_ID	NUMBER (3,0)	N
	WELL_ID	VARCHAR2 (10)	N
	DATA_FILE_NAME	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_COMPOUND_PURITY_KEY

Entity Name: HTS_COMPOUND_PURITY_KEY

Entity Type: Independent

Primary Keys: PURITY_KEY

Attributes

	Column Name	Data Type	Nullable
	PURITY_KEY	VARCHAR2 (5)	N
	KEY_DESC	VARCHAR2 (500)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_COMPOUND_QC

Entity Name: HTS_COMPOUND_QC

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
CAS_NUMBER		VARCHAR2 (1000)	Y
TOX21_ID		VARCHAR2 (20)	N
SET_ID		NUMBER (3,0)	N
PLATE_ID		NUMBER (3,0)	N
PURITY_KEY		VARCHAR2 (5)	Y
DATA_FILE_NAME		VARCHAR2 (100)	Y
IS_DISPLAYABLE		CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_COMPOUND_QC_BACKUP

Entity Name: HTS_COMPOUND_QC_BACKUP

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	TOX21_ID	VARCHAR2 (20)	N
	SET_ID	NUMBER (3,0)	N
	PLATE_ID	NUMBER (3,0)	N
	PURITY_KEY	VARCHAR2 (5)	Y
	DATA_FILE_NAME	VARCHAR2 (100)	Y
	IS_DISPLAYABLE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_CURVE_CLASS_CLUSTER

Entity Name: HTS_CURVE_CLASS_CLUSTER

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ROW_ID	NUMBER (,0)	Y
COLUMN_ID	NUMBER (,0)	Y
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	N
ASSAY_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
GROUP_NAME	VARCHAR2 (50)	Y
CURVE_CLASS	VARCHAR2 (5)	Y
CHEMICAL_NAME	VARCHAR2 (150)	Y
MT_STRESSOR_ID	VARCHAR2 (100)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_CURVE_CLASS_CLUSTER_PUBLIC

Entity Name: HTS_CURVE_CLASS_CLUSTER_PUBLIC

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ROW_ID	NUMBER (,0)	Y
COLUMN_ID	NUMBER (,0)	Y
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	N
ASSAY_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
GROUP_NAME	VARCHAR2 (50)	Y
CURVE_CLASS	VARCHAR2 (5)	Y
CHEMICAL_NAME	VARCHAR2 (150)	Y
MT_STRESSOR_ID	VARCHAR2 (100)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_DATA

Entity Name: HTS_DATA
Entity Type: Dependent
Primary Keys: HTSDATA_ID

Attributes

Column Name	Data Type	Nullable
HTSDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYASSAYINPUT_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (150)	Y
CURVE_CLASS	NUMBER (5,2)	Y
CURVE_CLASS2	NUMBER (5,2)	Y
AC50	NUMBER (,)	Y
LOG_AC50	NUMBER (,)	Y
HILL_COEF	NUMBER (,)	Y
R2	NUMBER (,)	Y
INF_ACTIVITY	NUMBER (,)	Y
INF_ACTIVITY_PLUS	NUMBER (,)	Y
INF_ACTIVITY_MINUS	NUMBER (,)	Y
ZERO_ACTIVITY	NUMBER (,)	Y
LOG_EC50_LEFT	NUMBER (,)	Y
LOG_EC50_RIGHT	NUMBER (,)	Y
LOG_AC50_PLUS	NUMBER (,)	Y
LOG_AC50_MINUS	NUMBER (,)	Y
P_HILL	NUMBER (,)	Y
MAX_RESP	NUMBER (,)	Y
MAX_DATA	NUMBER (,)	Y
MIN_DATA	NUMBER (,)	Y
DATA_POINTS	NUMBER (,)	Y
DATA_RANGE	NUMBER (,)	Y
MASK_NO	NUMBER (,)	Y
MASK_FLAGS	VARCHAR2 (50)	Y
CONC0	NUMBER (,)	Y
CONC1	NUMBER (,)	Y
CONC2	NUMBER (,)	Y
CONC3	NUMBER (,)	Y
CONC4	NUMBER (,)	Y
CONC5	NUMBER (,)	Y
CONC6	NUMBER (,)	Y
CONC7	NUMBER (,)	Y
CONC8	NUMBER (,)	Y
CONC9	NUMBER (,)	Y
CONC10	NUMBER (,)	Y
CONC11	NUMBER (,)	Y
CONC12	NUMBER (,)	Y
CONC13	NUMBER (,)	Y
CONC14	NUMBER (,)	Y
CONC15	NUMBER (,)	Y

CONC16	NUMBER (,)	Y
CONC17	NUMBER (,)	Y
CONC18	NUMBER (,)	Y
CONC19	NUMBER (,)	Y
CONC20	NUMBER (,)	Y
CONC21	NUMBER (,)	Y
CONC22	NUMBER (,)	Y
CONC23	NUMBER (,)	Y
CONC24	NUMBER (,)	Y
RESP0	NUMBER (,)	Y
RESP1	NUMBER (,)	Y
RESP2	NUMBER (,)	Y
RESP3	NUMBER (,)	Y
RESP4	NUMBER (,)	Y
RESP5	NUMBER (,)	Y
RESP6	NUMBER (,)	Y
RESP7	NUMBER (,)	Y
RESP8	NUMBER (,)	Y
RESP9	NUMBER (,)	Y
RESP10	NUMBER (,)	Y
RESP11	NUMBER (,)	Y
RESP12	NUMBER (,)	Y
RESP13	NUMBER (,)	Y
RESP14	NUMBER (,)	Y
RESP15	NUMBER (,)	Y
RESP16	NUMBER (,)	Y
RESP17	NUMBER (,)	Y
RESP18	NUMBER (,)	Y
RESP19	NUMBER (,)	Y
RESP20	NUMBER (,)	Y
RESP21	NUMBER (,)	Y
RESP22	NUMBER (,)	Y
RESP23	NUMBER (,)	Y
RESP24	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_20	STUDY_ID	STUDY
F_STUDY_PROTOCOL_3	STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_ASSAY_INPUT_2	STUDYASSAYINPUT_ID	STUDY_ASSAY_INPUT
F_STUDY_SUBJECT_GROUP_2	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

HTS_DATA_ANALYZED

Entity Name: HTS_DATA_ANALYZED
Entity Type: Dependent
Primary Keys: HTSDATAANALYZED_ID

Attributes

Column Name	Data Type	Nullable
HTSDATAANALYZED_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
TRANSFORMATION_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
ASSAY_PROTOCOL_NAME	VARCHAR2 (100)	Y
CHANNEL	VARCHAR2 (50)	Y
FTEST_F	VARCHAR2 (40)	Y
FTEST_PVAL	VARCHAR2 (40)	Y
FTEST_EMAX	VARCHAR2 (40)	Y
FTEST_HILL	VARCHAR2 (40)	Y
FTEST_LOG2EC50	VARCHAR2 (40)	Y
FTEST_EINIT	VARCHAR2 (40)	Y
STDERR_EMAX	VARCHAR2 (40)	Y
STDERR_HILL	VARCHAR2 (40)	Y
STDERR_LOG2EC50	VARCHAR2 (40)	Y
STDERR_EINIT	VARCHAR2 (40)	Y
TVAL_EMAX	VARCHAR2 (40)	Y
TVAL_HILL	VARCHAR2 (40)	Y
TVAL_LOG2EC50	VARCHAR2 (40)	Y
TVAL_EINIT	VARCHAR2 (40)	Y
PVAL_EMAX	VARCHAR2 (40)	Y
PVAL_HILL	VARCHAR2 (40)	Y
PVAL_LOG2EC50	VARCHAR2 (40)	Y
PVAL_EINIT	VARCHAR2 (40)	Y
R2_HILLEQN	VARCHAR2 (40)	Y
FTEST_BH_ADJ_PVAL	VARCHAR2 (40)	Y
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_21	STUDY_ID	STUDY
F_TRANSFORMATION_4	TRANSFORMATION_ID	TRANSFORMATION
F_STUDY_SUBJECT_GROUP_6	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

HTS_DB_LOOKUP

Entity Name: HTS_DB_LOOKUP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
COLUMN_ID	NUMBER (,0)	Y
ASSAY_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y
IS_PUBLIC	CHAR (1)	Y
RESULT_SOURCE	CHAR (4)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_DB_LOOKUP_CHEMICAL

Entity Name: HTS_DB_LOOKUP_CHEMICAL

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	ROW_ID	NUMBER (,0)	Y
	CHEMICAL_NAME	VARCHAR2 (150)	Y
	MT_STRESSOR_ID	VARCHAR2 (100)	Y
	IS_PUBLIC	CHAR (1)	Y
	RESULT_SOURCE	CHAR (4)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_LOOKUP

Entity Name: HTS_LOOKUP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
COLUMN_ID	NUMBER (,0)	Y
ASSAY_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_LOOKUP_CHEMICAL

Entity Name: HTS_LOOKUP_CHEMICAL

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	ROW_ID	NUMBER (,0)	Y
	CHEMICAL_NAME	VARCHAR2 (150)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_LOOKUP_CHEMICAL_PUBLIC

Entity Name: HTS_LOOKUP_CHEMICAL_PUBLIC

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	ROW_ID	NUMBER (,0)	Y
	CHEMICAL_NAME	VARCHAR2 (150)	Y
	MT_STRESSOR_ID	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_LOOKUP_PUBLIC

Entity Name: HTS_LOOKUP_PUBLIC

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
COLUMN_ID	NUMBER (,0)	Y
ASSAY_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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HTS_NTP_CALL

Entity Name: HTS_NTP_CALL
Entity Type: Dependent
Primary Keys: HTSNTPCALL_ID

Attributes

Column Name	Data Type	Nullable
HTSNTPCALL_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
TRANSFORMATION_ID	NUMBER (38,0)	N
STAR_CALL	VARCHAR2 (50)	Y
NON_STAR_CALL	VARCHAR2 (50)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (100)	Y
CHANNEL	VARCHAR2 (50)	Y
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_23	STUDY_ID	STUDY
F_TRANSFORMATION_5	TRANSFORMATION_ID	TRANSFORMATION
F_STUDY_SUBJECT_GROUP_8	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

HTS_RESULT_CLUSTER

Entity Name: HTS_RESULT_CLUSTER

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ROW_ID	NUMBER (,0)	Y
COLUMN_ID	NUMBER (,0)	Y
STUDY_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
ASSAY_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (20)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
GROUP_NAME	VARCHAR2 (50)	Y
RESULT	VARCHAR2 (5)	Y
CHEMICAL_NAME	VARCHAR2 (150)	Y
MT_STRESSOR_ID	VARCHAR2 (100)	Y
CELL_LINE	VARCHAR2 (20)	Y
SPECIES	VARCHAR2 (10)	Y
STUDY_YEAR	VARCHAR2 (4)	Y
READOUT	VARCHAR2 (200)	Y
ANALYTE	VARCHAR2 (200)	Y
ASSAY_TARGET	VARCHAR2 (200)	Y
IS_PUBLIC	CHAR (1)	Y
RESULT_SOURCE	CHAR (4)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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INVESTIGATION

Entity Name: INVESTIGATION
Entity Type: Independent
Primary Keys: INVESTIGATION_ID

Attributes

Column Name	Data Type	Nullable
INVESTIGATION_ID	NUMBER (38,0)	N
INVESTIGATION_TITLE	VARCHAR2 (200)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
INVESTIGATION_TITLE_SHORT	VARCHAR2 (75)	Y
INVESTIGATION_DESC	VARCHAR2 (1000)	Y
PI	VARCHAR2 (200)	Y
ORGANIZATION	VARCHAR2 (200)	Y
ORGANIZATION_ABBR	VARCHAR2 (15)	Y
ORGANIZATION_DESC	VARCHAR2 (1000)	Y
IS_PUBLIC	CHAR (1)	N
CONCLUSION	VARCHAR2 (3000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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JJ_COMPARATOR

Entity Name: JJ_COMPARATOR
Entity Type: Independent
Primary Keys: JJCOMPARATOR_ID

Attributes

	Column Name	Data Type	Nullable
	JJCOMPARATOR_ID	NUMBER (38,0)	N
	STUDYID	VARCHAR2 (10)	Y
	ORGAN	VARCHAR2 (50)	Y
	COMPOUND	VARCHAR2 (100)	Y
	DOSE	VARCHAR2 (10)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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JJ_FOLDCHANGE

Entity Name: JJ_FOLDCHANGE
Entity Type: Dependent
Primary Keys: JJGENE_ID, JJCOMPARATOR_ID

Attributes

Column Name	Data Type	Nullable
JJGENE_ID	NUMBER (38,0)	N
JJCOMPARATOR_ID	NUMBER (38,0)	N
FOLD_CHANGE	NUMBER (12,6)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
FK_JJ_GENE	JJGENE_ID	JJ_GENE
FK_JJ_COMPARATOR	JJCOMPARATOR_ID	JJ_COMPARATOR

JJ_FOLDCHANGE_CORR

Entity Name: JJ_FOLDCHANGE_CORR
Entity Type: Independent
Primary Keys: COMPARISION_ID_1,COMPARISION_ID_2

Attributes

Column Name	Data Type	Nullable
COMPARISION_ID_1	NUMBER (38,0)	N
COMPARISION_ID_2	NUMBER (38,0)	N
CORRELATION	NUMBER (20,10)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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JJ_GENE

Entity Name: JJ_GENE
Entity Type: Independent
Primary Keys: JJGENE_ID

Attributes

Column Name	Data Type	Nullable
JJGENE_ID	NUMBER (38,0)	N
PROBE_SET_ID	VARCHAR2 (100)	Y
PROBE_TYPE	VARCHAR2 (50)	Y
PUB_PROBE_TARGETS	VARCHAR2 (50)	Y
NCBI_ACC	VARCHAR2 (200)	Y
NCBI_NID	VARCHAR2 (200)	Y
OGS	VARCHAR2 (150)	Y
LOCUS_LINK	VARCHAR2 (50)	Y
UNIGENE_ID	VARCHAR2 (100)	Y
ENSEMBL	VARCHAR2 (200)	Y
MOLECULAR_FUNCTION	VARCHAR2 (1000)	Y
BIOLOGICAL_PROCESS	VARCHAR2 (1000)	Y
CELLULAR_COMPONENT	VARCHAR2 (300)	N
CYTOBAND	VARCHAR2 (50)	Y
HS_HOMOLOGY	VARCHAR2 (50)	Y
MM_HOMOLOGY	VARCHAR2 (50)	Y
RN_HOMOLOGY	VARCHAR2 (50)	Y
ANALOGOUS_CODELINK	VARCHAR2 (50)	Y
LEGACY_PROBE_NAME	VARCHAR2 (50)	Y
DESCRIPTION	VARCHAR2 (1000)	Y
IS_PART_OF_JJ_SUBMISSION	CHAR (1)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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MASSPEC_DATA

Entity Name: MASSPEC_DATA
Entity Type: Dependent
Primary Keys: MASSPECDATA_ID

Attributes

Column Name	Data Type	Nullable
MASSPECDATA_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
REFSTUDY_PROTOCOL139	STUDYPROTOCOL_ID	STUDY_PROTOCOL

MICROARRAY_ATTR

Entity Name: MICROARRAY_ATTR
Entity Type: Dependent
Primary Keys: MICROARRAY_ATTR

Attributes

	Column Name	Data Type	Nullable
	MICROARRAY_ATTR	VARCHAR2 (50)	N
	ATTR_TYPE	VARCHAR2 (50)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_ATTR_TYPE_55	ATTR_TYPE	ATTR_TYPE

MICROARRAY_ATTR_CV

Entity Name: MICROARRAY_ATTR_CV
Entity Type: Dependent
Primary Keys: CV_VALUE, MICROARRAY_ATTR

Attributes

	Column Name	Data Type	Nullable
	CV_VALUE	VARCHAR2 (500)	N
	MICROARRAY_ATTR	VARCHAR2 (50)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_MICROARRAY_ATTR	MICROARRAY_ATTR	MICROARRAY_ATTR

MICROARRAY_ATTR_RELEVANCE

Entity Name: MICROARRAY_ATTR_RELEVANCE
Entity Type: Dependent
Primary Keys: OBJECT_NAME,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE,MICROARRAY_ATTR

Attributes

Column Name	Data Type	Nullable
OBJECT_NAME	VARCHAR2 (50)	N
OBJECT_PROPERTY	VARCHAR2 (100)	N
OBJECT_PROPERTY_VALUE	VARCHAR2 (200)	N
MICROARRAY_ATTR	VARCHAR2 (50)	N
IS_REQUIRED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_MICROARRAY_ATTR_54	MICROARRAY_ATTR	MICROARRAY_ATTR

MICROARRAY_HYB

Entity Name: MICROARRAY_HYB
Entity Type: Dependent
Primary Keys: MICROARRAYHYB_ID

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
SCANPROTOCOL_ID	NUMBER (38,0)	Y
HYBPROTOCOL_ID	NUMBER (38,0)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	N
DISPLAY_NAME	VARCHAR2 (150)	N
DEPOSITOR_NAME	VARCHAR2 (150)	Y
HYB_GROUP_NAME	VARCHAR2 (100)	Y
LABEL1	VARCHAR2 (100)	N
EXTRACTLABELED_ID1	NUMBER (38,0)	N
LABEL2	VARCHAR2 (100)	Y
EXTRACTLABELED_ID2	NUMBER (38,0)	Y
IS_LABELREVERSED	CHAR (1)	Y
IS_RESULT_EXCLUDE	CHAR (1)	Y
EXCLUSION_COMMENTS	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_61	STUDY_ID	STUDY
F_STUDY_PROTOCOL_63	HYBPROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_PROTOCOL_64	SCANPROTOCOL_ID	STUDY_PROTOCOL
F_EXTRACT_LABELED_68	EXTRACTLABELED_ID1	EXTRACT_LABELED
F_EXTRACT_LABELED_69	EXTRACTLABELED_ID2	EXTRACT_LABELED
F_MICROARRAY_TYPE_47	MICROARRAY_TYPE	MICROARRAY_TYPE

MICROARRAY_HYB_CHAR

Entity Name: MICROARRAY_HYB_CHAR
Entity Type: Dependent
Primary Keys: MICROARRAYHYB_ID,MICROARRAY_ATTR

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_ATTR	VARCHAR2 (50)	N
ATTR_VALUE	VARCHAR2 (500)	Y
STUDY_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_60	STUDY_ID	STUDY
F_MICROARRAY_HYB	MICROARRAYHYB_ID	MICROARRAY_HYB
F_MICROARRAY_ATTR_59	MICROARRAY_ATTR	MICROARRAY_ATTR

MICROARRAY_HYB_DATA

Entity Name: MICROARRAY_HYB_DATA
Entity Type: Dependent
Primary Keys: MICROARRAYHYB_ID,MICROARRAY_TYPE,CEBS_PROBE_ID

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
CEBS_PROBE_ID	VARCHAR2 (40)	N
STUDY_ID	NUMBER (38,0)	N
INTENSITY	NUMBER (,)	Y
RATIO	NUMBER (,)	Y
INTENSITY_COMP	NUMBER (,)	Y
P_VALUE	NUMBER (,)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_84	STUDY_ID	STUDY
F_MICROARRAY_HYB_74	MICROARRAYHYB_ID	MICROARRAY_HYB
REFSTUDY_PROTOCOL137	STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_MICROARRAY_TYPE_SPOT	MICROARRAY_TYPE,CEBS_PROBE_ID	MICROARRAY_TYPE_SPOT

MICROARRAY_HYB_DATA_LOG10

Entity Name: MICROARRAY_HYB_DATA_LOG10
Entity Type: Dependent
Primary Keys: MICROARRAYHYB_ID,MICROARRAY_TYPE,CEBS_PROBE_ID

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
CEBS_PROBE_ID	VARCHAR2 (40)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
LOG10_INTENSITY	NUMBER (,)	Y
LOG10_RATIO	NUMBER (,)	Y
LOG10_INTENSITY_COMP	NUMBER (,)	Y
P_VALUE	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_86	STUDY_ID	STUDY
F_MICROARRAY_HYB_75	MICROARRAYHYB_ID	MICROARRAY_HYB
REFSTUDY_PROTOCOL140	STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_MICROARRAY_TYPE_SPOT1	MICROARRAY_TYPE,CEBS_PROBE_ID	MICROARRAY_TYPE_SPOT

MICROARRAY_TYPE

Entity Name: MICROARRAY_TYPE
Entity Type: Independent
Primary Keys: MICROARRAY_TYPE

Attributes

Column Name	Data Type	Nullable
MICROARRAY_TYPE	VARCHAR2 (100)	N
PROBE_NUMBER	NUMBER (9,0)	N
VENDOR_NAME	VARCHAR2 (50)	N
PLATFORM_TYPE	VARCHAR2 (30)	Y
CHANNEL_NUMBER	NUMBER (1,0)	N
REFERENCE	VARCHAR2 (1000)	Y
SPECIES	VARCHAR2 (50)	Y
IS_UNIQUE_PROBE	CHAR (1)	Y
P_CALCULATION_METHOD	VARCHAR2 (50)	Y
NORMALIZATION_METHOD	VARCHAR2 (50)	Y
FOLDCHANGE_METHOD	VARCHAR2 (50)	Y
FOLDCHANGE_SCALE	VARCHAR2 (10)	Y
COMPARATOR_SCALE	VARCHAR2 (10)	Y
INTENSITY_SCALE	VARCHAR2 (10)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MICROARRAY_TYPE_SPOT

Entity Name: MICROARRAY_TYPE_SPOT
Entity Type: Dependent
Primary Keys: MICROARRAY_TYPE, CEBS_PROBE_ID

Attributes

	Column Name	Data Type	Nullable
	MICROARRAY_TYPE	VARCHAR2 (100)	N
	CEBS_PROBE_ID	VARCHAR2 (40)	N
	PROBE_ID_MFR	VARCHAR2 (40)	Y
	PROBE_ROW	NUMBER (9,0)	Y
	PROBE_COL	NUMBER (9,0)	Y
	UPDATE_DATE_TEXT	VARCHAR2 (20)	Y
	UPDATE_SOURCE	VARCHAR2 (100)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_MICROARRAY_TYPE	MICROARRAY_TYPE	MICROARRAY_TYPE

MT_CHEMICAL_STRESSOR

Entity Name: MT_CHEMICAL_STRESSOR
Entity Type: Independent
Primary Keys: CHEMICAL_ID

Attributes

Column Name	Data Type	Nullable
CHEMICAL_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (2000)	Y
SYNONYM_NAME	VARCHAR2 (300)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
CAS_TESTED	VARCHAR2 (100)	Y
TRADE_NAME	VARCHAR2 (100)	Y
STEREOCHEMISTRY_INDICATOR	VARCHAR2 (50)	Y
CHEMICAL_COUNT	NUMBER (38,0)	Y
SUBSTANCE_TYPE	VARCHAR2 (50)	Y
CHEMICAL_NOTE	VARCHAR2 (200)	Y
CHEMICALCLASS_AGENT	VARCHAR2 (100)	Y
BIOLOGICALCLASS_AGENT	VARCHAR2 (100)	Y
ADDTO_PARENT	VARCHAR2 (50)	Y
DSSTOX_ID	VARCHAR2 (50)	Y
FORMULA	VARCHAR2 (50)	Y
MOLECULAR_WEIGHT	NUMBER (12,6)	Y
SMILES	VARCHAR2 (500)	Y
SMILES_TESTED	VARCHAR2 (500)	Y
PARENT_SMILES	VARCHAR2 (500)	Y
DSSTOX_FILENAME	VARCHAR2 (100)	Y
STRUCTURE_TYPE	VARCHAR2 (50)	Y
STEREO	VARCHAR2 (50)	Y
IS_UNKNOWN_STEREO	CHAR (1)	Y
METABOLITES	VARCHAR2 (100)	Y
CHEMICAL_COLOR	VARCHAR2 (50)	Y
VALENCE	VARCHAR2 (50)	Y
MEDICATION_CLASS	VARCHAR2 (50)	Y
MEDICATION_CLASSCODE	VARCHAR2 (50)	Y
MEDICATION_SUBCATEGORY	VARCHAR2 (50)	Y
CACTUS	VARCHAR2 (50)	Y
INCHI	VARCHAR2 (200)	Y
PHARMACOLOGICAL_ACTION	VARCHAR2 (50)	Y
PHARMACOLOGICAL_ACTION_DESC	VARCHAR2 (500)	Y
SPECIES_METABOLITES	VARCHAR2 (50)	Y
IUPAC	VARCHAR2 (500)	Y
COMMENTS	VARCHAR2 (2000)	Y
PUBCHEM_CID	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_DISEASE_STRESSOR

Entity Name: MT_DISEASE_STRESSOR
Entity Type: Independent
Primary Keys: DISEASE_ID

Attributes

Column Name	Data Type	Nullable
DISEASE_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_ENVIRONMENT_STRESSOR

Entity Name: MT_ENVIRONMENT_STRESSOR
Entity Type: Independent
Primary Keys: ENVIROMENTSTRESSOR_ID

Attributes

Column Name	Data Type	Nullable
ENVIROMENTSTRESSOR_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (100)	N
STRESSOR_DESC	VARCHAR2 (2000)	Y
CHEMICAL_NAME	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_GENETIC_STRESSOR

Entity Name: MT_GENETIC_STRESSOR

Entity Type: Independent

Primary Keys: GENETICSTRESSOR_ID

Attributes

Column Name	Data Type	Nullable
GENETICSTRESSOR_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (100)	N
TARGET_LOCUS	VARCHAR2 (50)	Y
GENETIC_TYPE	VARCHAR2 (50)	Y
CHROMOSOME_COORDINATES	VARCHAR2 (50)	Y
LOCUS_GENUS	VARCHAR2 (50)	Y
LOCUS_STRAIN	VARCHAR2 (50)	Y
LOCUS_GENE_TYPE	VARCHAR2 (50)	Y
IS_MUTATION	CHAR (1)	Y
MUTATION_DESC	VARCHAR2 (2000)	Y
COPY_NUMBER	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_ORGAN

Entity Name: MT_ORGAN

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ORGAN_NAME	VARCHAR2 (1000)	N
GROUP_TERM	VARCHAR2 (100)	Y
TERM	VARCHAR2 (100)	Y
SYNONYMS	VARCHAR2 (1000)	Y
GROSS_MORPHOLOGY	VARCHAR2 (100)	Y
ORGAN_LATERALITY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (100)	Y
MICROMORPHOLOGY	VARCHAR2 (100)	Y
IS_FETAL	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR

Entity Name: MT_STRESSOR
Entity Type: Independent
Primary Keys: MT_STRESSOR_ID

Attributes

	Column Name	Data Type	Nullable
	MT_STRESSOR_ID	VARCHAR2 (100)	N
	STRESSOR_NAME	VARCHAR2 (1000)	Y
	SORT_NAME	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_DEFINITION

Entity Name: MT_STRESSOR_DEFINITION
Entity Type: Dependent
Primary Keys: STRESSOR_PARAMETER, MT_STRESSOR_ID, PARAMETER_VALUE

Attributes

Column Name	Data Type	Nullable
MT_STRESSOR_ID	VARCHAR2 (100)	N
STRESSOR_PARAMETER	VARCHAR2 (100)	N
PARAMETER_VALUE	VARCHAR2 (2000)	N
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_MT_STRESSOR_2	MT_STRESSOR_ID	MT_STRESSOR
F_MT_STRESSOR_PARAMETER	STRESSOR_PARAMETER	MT_STRESSOR_PARAMETER

MT_STRESSOR_NTP_ABSTRACT

Entity Name: MT_STRESSOR_NTP_ABSTRACT
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
CAS_NUMBER	VARCHAR2 (30)	N
NTP_STUDY_NUMBER	VARCHAR2 (20)	Y
PUBLICATION_NUMBER	VARCHAR2 (20)	Y
NTIS_NUMBER	VARCHAR2 (20)	Y
NIH_NUMBER	VARCHAR2 (20)	Y
STUDY_AREA	VARCHAR2 (100)	Y
ABSTRACT_URL	VARCHAR2 (500)	Y
TECH_REPORT_URL	VARCHAR2 (500)	Y
CITATION	VARCHAR2 (500)	Y
ABSTRACT_TEXT	CLOB	Y
TECH_REPORT_TEXT	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_NTP_PUBLICATION

Entity Name: MT_STRESSOR_NTP_PUBLICATION
Entity Type: Independent
Primary Keys: MT_STRESSOR_NTP_PUB_ID

Attributes

Column Name	Data Type	Nullable
MT_STRESSOR_NTP_PUB_ID	NUMBER (38,0)	N
CAS_NUMBER	VARCHAR2 (30)	N
NTP_STUDY_NUMBER	VARCHAR2 (20)	Y
PUBLICATION_NUMBER	VARCHAR2 (20)	Y
NTIS_NUMBER	VARCHAR2 (20)	Y
NIH_NUMBER	VARCHAR2 (20)	Y
STUDY_AREA	VARCHAR2 (100)	Y
ABSTRACT_URL	VARCHAR2 (500)	Y
TECH_REPORT_URL	VARCHAR2 (500)	Y
CITATION	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_NTP_STUDY_ABSTRACT

Entity Name: MT_STRESSOR_NTP_STUDY_ABSTRACT
Entity Type: Independent
Primary Keys: CAS_NUMBER,NTP_STUDY_NUMBER

Attributes

	Column Name	Data Type	Nullable
	CAS_NUMBER	VARCHAR2 (30)	N
	NTP_STUDY_NUMBER	VARCHAR2 (20)	N
	ABSTRACT_URL	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_NTP_UNUSED

Entity Name: MT_STRESSOR_NTP_UNUSED

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
MT_STRESSOR_NTP_CASNO	VARCHAR2 (100)	N
MT_STRESSOR_NTP_NAME	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_PARAMETER

Entity Name: MT_STRESSOR_PARAMETER
Entity Type: Independent
Primary Keys: STRESSOR_PARAMETER

Attributes

Column Name	Data Type	Nullable
STRESSOR_PARAMETER	VARCHAR2 (100)	N
ATTR_TYPE	VARCHAR2 (50)	Y
DESCRIPTION	VARCHAR2 (3000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
IS_SEARCH_ALLOWED	CHAR (1)	Y
IS_DISPLAYABLE	CHAR (1)	Y
IS_DOWNLOADABLE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MT_STRESSOR_PARAMETER_CV

Entity Name: MT_STRESSOR_PARAMETER_CV
Entity Type: Dependent
Primary Keys: STRESSOR_PARAMETER,CV_VALUE

Attributes

Column Name	Data Type	Nullable
STRESSOR_PARAMETER	VARCHAR2 (100)	N
CV_VALUE	VARCHAR2 (1000)	N
DESCRIPTION	VARCHAR2 (3000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_MT_STRESSOR_PARAMETER_2	STRESSOR_PARAMETER	MT_STRESSOR_PARAMETER

MT_STRESSOR_PARAMETER_REL

Entity Name: MT_STRESSOR_PARAMETER_REL
Entity Type: Dependent
Primary Keys: STRESSOR_PARAMETER,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE,OBJECT_NAME

Attributes

Column Name	Data Type	Nullable
STRESSOR_PARAMETER	VARCHAR2 (100)	N
OBJECT_NAME	VARCHAR2 (50)	N
OBJECT_PROPERTY	VARCHAR2 (50)	N
OBJECT_PROPERTY_VALUE	VARCHAR2 (1000)	N
IS_REQUIRED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_MT_STRESSOR_PARAMETER_1	STRESSOR_PARAMETER	MT_STRESSOR_PARAMETER

MT_STRESSOR_SYNONYM

Entity Name: MT_STRESSOR_SYNONYM
Entity Type: Dependent
Primary Keys: MT_STRESSOR_ID,STRESSOR_SYNONYM_NAME

Attributes

Column Name	Data Type	Nullable
MT_STRESSOR_ID	VARCHAR2 (100)	N
STRESSOR_SYNONYM_NAME	VARCHAR2 (1000)	N
SORT_NAME	VARCHAR2 (1000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_MT_STRESSOR_3	MT_STRESSOR_ID	MT_STRESSOR

MT_STRESSOR_TYPE

Entity Name: MT_STRESSOR_TYPE
Entity Type: Dependent
Primary Keys: STRESSOR_TYPE, MT_STRESSOR_ID

Attributes

	Column Name	Data Type	Nullable
	STRESSOR_TYPE	VARCHAR2 (50)	N
	MT_STRESSOR_ID	VARCHAR2 (100)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_MT_STRESSOR	MT_STRESSOR_ID	MT_STRESSOR
	F_STRESSOR_TYPE	STRESSOR_TYPE	STRESSOR_TYPE

MV_CHEMICAL_SEARCH

Entity Name: MV_CHEMICAL_SEARCH
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
MT_STRESSOR_ID	VARCHAR2 (100)	Y
STRESSOR_PARAMETER	VARCHAR2 (100)	Y
PARAMETER_VALUE	VARCHAR2 (2000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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MV_UI_CHEMICALS_AVAILABLE_DATA

Entity Name: MV_UI_CHEMICALS_AVAILABLE_DATA
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STRESSOR_TYPE	VARCHAR2 (50)	Y
CEBS_CHEMICAL_NAME	VARCHAR2 (250)	Y
DEPOSITOR_CHEMICAL_NAME	VARCHAR2 (250)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
AVAILABLE_DATA	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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NLM_DATA

Entity Name: NLM_DATA
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
CAS_NO	VARCHAR2 (100)	N
NLM_ATTR	VARCHAR2 (100)	Y
SOURCES	VARCHAR2 (200)	Y
ATTR_VALUE	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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NLM_DATA2

Entity Name: NLM_DATA2
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
CAS_NO	VARCHAR2 (100)	N
NLM_ATTR	VARCHAR2 (100)	Y
SOURCES	VARCHAR2 (200)	Y
ATTR_VALUE	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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NLM_DATA_MAP

Entity Name: NLM_DATA_MAP

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
ATTR_NAME		VARCHAR2 (30)	Y
TITLE		VARCHAR2 (39)	Y
DESCRIPTION		VARCHAR2 (1000)	Y
IS_CHEMPROP		CHAR (1)	Y
IS_TOXEFF		CHAR (1)	Y
XML_SOURCE		VARCHAR2 (10)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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NMR_DATA

Entity Name: NMR_DATA
Entity Type: Dependent
Primary Keys: NMRDATA_ID

Attributes

Column Name	Data Type	Nullable
NMRDATA_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
REFSTUDY_PROTOCOL138	STUDYPROTOCOL_ID	STUDY_PROTOCOL

NTP_INVESTIGATIONS

Entity Name: NTP_INVESTIGATIONS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (100)	N
MT_STRESSOR_ID	VARCHAR2 (100)	Y
NTP_ID	VARCHAR2 (100)	Y
NTP_TEST_ARTICLE_NAME	VARCHAR2 (200)	Y
NTP_CASRN	VARCHAR2 (100)	Y
GROUP_NAME	VARCHAR2 (200)	Y
HAS_TOXEFFECT	CHAR (1)	Y
HAS_CHEMPROPERTY	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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NTP_INVESTIGATIONS_OLD

Entity Name: NTP_INVESTIGATIONS_OLD

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (100)	N
MT_STRESSOR_ID	VARCHAR2 (100)	Y
NTP_ID	VARCHAR2 (100)	Y
NTP_TEST_ARTICLE_NAME	VARCHAR2 (200)	Y
NTP_CASRN	VARCHAR2 (100)	Y
GROUP_NAME	VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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PARTICIPANT_ATTR

Entity Name: PARTICIPANT_ATTR
Entity Type: Dependent
Primary Keys: PARTICIPANT_ATTR

Attributes

Column Name	Data Type	Nullable
PARTICIPANT_ATTR	VARCHAR2 (100)	N
DESCRIPTION	VARCHAR2 (3000)	Y
ATTR_TYPE	VARCHAR2 (50)	N
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
IS_SEARCH_ALLOWED	CHAR (1)	Y
UNIT_PARTICIPANT_ATTR	VARCHAR2 (100)	Y
IS_DISPLAYABLE	CHAR (1)	Y
IS_DOWNLOADABLE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_ATTR_TYPE_30	ATTR_TYPE	ATTR_TYPE

PARTICIPANT_ATTR_ALIAS

Entity Name: PARTICIPANT_ATTR_ALIAS
Entity Type: Dependent
Primary Keys: PARTICIPANT_ATTR, ALIAS_NAME

Attributes

Column Name	Data Type	Nullable
PARTICIPANT_ATTR	VARCHAR2 (100)	N
ALIAS_NAME	VARCHAR2 (100)	N
SOURCE_NAME	VARCHAR2 (100)	Y
SOURCE_VERSION	VARCHAR2 (50)	Y
SOURCE_COMMENTS	VARCHAR2 (1000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_PARTICIPANT_ATTR_2	PARTICIPANT_ATTR	PARTICIPANT_ATTR

PARTICIPANT_ATTR_CV

Entity Name: PARTICIPANT_ATTR_CV
Entity Type: Dependent
Primary Keys: PARTICIPANT_ATTR,CV_VALUE

Attributes

	Column Name	Data Type	Nullable
	PARTICIPANT_ATTR	VARCHAR2 (100)	N
	CV_VALUE	VARCHAR2 (200)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PARTICIPANT_ATTR_31	PARTICIPANT_ATTR	PARTICIPANT_ATTR

PARTICIPANT_ATTR_RELEVANCE

Entity Name: PARTICIPANT_ATTR_RELEVANCE
Entity Type: Dependent
Primary Keys: PARTICIPANT_ATTR,OBJECT_PROPERTY_VALUE,OBJECT_PROPERTY,OBJECT_NAME

Attributes

Column Name	Data Type	Nullable
PARTICIPANT_ATTR	VARCHAR2 (100)	N
OBJECT_NAME	VARCHAR2 (50)	N
OBJECT_PROPERTY	VARCHAR2 (50)	N
OBJECT_PROPERTY_VALUE	VARCHAR2 (50)	N
IS_REQUIRED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_PARTICIPANT_ATTR_45	PARTICIPANT_ATTR	PARTICIPANT_ATTR

PARTICIPANT_CHARACTERISTICS

Entity Name: PARTICIPANT_CHARACTERISTICS
Entity Type: Dependent
Primary Keys: PARTICIPANTCHARACTERISTICS_ID

Attributes

Column Name	Data Type	Nullable
PARTICIPANTCHARACTERISTICS_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
PARTICIPANT_ATTR	VARCHAR2 (100)	N
DEPOSITOR_NAME	VARCHAR2 (100)	N
ATTR_VALUE	VARCHAR2 (1000)	Y
ATTR_VALUE_UNIT	VARCHAR2 (50)	Y
ATTR_VALUE_COMMENT	VARCHAR2 (3000)	Y
IS_FACTOR	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_7	STUDY_ID	STUDY
F_STUDY_SUBJECT	STUDYSUBJECT_ID	STUDY_SUBJECT
F_PARTICIPANT_ATTR	PARTICIPANT_ATTR	PARTICIPANT_ATTR
F_STUDY_SUBJECT_GROUP	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

PERSONNEL

Entity Name: PERSONNEL
Entity Type: Independent
Primary Keys: PERSONNEL_ID

Attributes

Column Name	Data Type	Nullable
PERSONNEL_ID	NUMBER (38,0)	N
SUFFIX	VARCHAR2 (10)	Y
FIRST_NAME	VARCHAR2 (100)	Y
LAST_NAME	VARCHAR2 (100)	Y
MIDDLE_NAME	VARCHAR2 (100)	Y
PHONE_NUMBER	VARCHAR2 (20)	Y
EMAIL	VARCHAR2 (260)	Y
INSTITUTE_NAME	VARCHAR2 (100)	Y
STREET_ADDRESS	VARCHAR2 (300)	Y
CITY	VARCHAR2 (100)	Y
STATE	VARCHAR2 (100)	Y
COUNTRY	VARCHAR2 (100)	Y
ZIPCODE	VARCHAR2 (15)	Y
FAX_NUMBER	VARCHAR2 (20)	Y
URL	VARCHAR2 (260)	Y
CERTIFICATION	VARCHAR2 (300)	Y
TRAINING	VARCHAR2 (300)	Y
USERNAME	VARCHAR2 (20)	N
PASSWORD	VARCHAR2 (20)	Y
IS_ADMIN	CHAR (1)	Y
CONTACT_NAME	VARCHAR2 (200)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_ENTREZ

Entity Name: PROBE_ENTREZ
Entity Type: Independent
Primary Keys: PROBE_ID_MFR,ENTREZ_ID

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	ENTREZ_ID	VARCHAR2 (100)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_GENBANK

Entity Name: PROBE_GENBANK
Entity Type: Independent
Primary Keys: PROBE_ID_MFR, GENBANK_ID

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	GENBANK_ID	VARCHAR2 (100)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_GENE_NAME

Entity Name: PROBE_GENE_NAME
Entity Type: Independent
Primary Keys: PROBE_ID_MFR, GENE_NAME

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	GENE_NAME	VARCHAR2 (300)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_GENE_SYMBOL

Entity Name: PROBE_GENE_SYMBOL
Entity Type: Independent
Primary Keys: PROBE_ID_MFR, GENE_SYMBOL

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	GENE_SYMBOL	VARCHAR2 (50)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_SEQUENCE

Entity Name: PROBE_SEQUENCE
Entity Type: Independent
Primary Keys: PROBE_ID_MFR,PROBE_SEQUENCE

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	PROBE_SEQUENCE	VARCHAR2 (2000)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROBE_UNIGENE

Entity Name: PROBE_UNIGENE
Entity Type: Independent
Primary Keys: PROBE_ID_MFR,UNIGENE_ID

Attributes

	Column Name	Data Type	Nullable
	PROBE_ID_MFR	VARCHAR2 (40)	N
	UNIGENE_ID	VARCHAR2 (100)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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PROTEOMICS_GEL

Entity Name: PROTEOMICS_GEL
Entity Type: Dependent
Primary Keys: PROTEOMICSGEL_ID

Attributes

Column Name	Data Type	Nullable
PROTEOMICSGEL_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	Y
DISPLAY_NAME	VARCHAR2 (100)	Y
DEPOSITOR_NAME	VARCHAR2 (100)	Y
FINAL_EXTRACT_ID_1	NUMBER (38,0)	Y
FINAL_EXTRACT_NAME_1	VARCHAR2 (100)	Y
LABEL_1	VARCHAR2 (10)	Y
FINAL_EXTRACT_ID_2	NUMBER (38,0)	Y
FINAL_EXTRACT_NAME_2	VARCHAR2 (100)	Y
LABEL_2	VARCHAR2 (10)	Y
IS_RESULT_EXCLUDE	CHAR (1)	Y
EXCLUSION_COMMENTS	VARCHAR2 (1000)	Y
ISOELECTRIC_FOCUS_PROTOCOL	VARCHAR2 (100)	Y
ISOELECTRIC_FOCUS_PROTOCOL_ID	NUMBER (38,0)	Y
GEL_PROTOCOL	VARCHAR2 (100)	Y
GEL_PROTOCOL_ID	NUMBER (38,0)	Y
SCAN_PROTOCOL_ID	NUMBER (38,0)	Y
SCAN_PROTOCOL	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_3	STUDY_ID	STUDY
F_STUDY_PROTOCOL_6	SCAN_PROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_PROTOCOL_7	ISOELECTRIC_FOCUS_PROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_PROTOCOL_8	GEL_PROTOCOL_ID	STUDY_PROTOCOL

PROTEOMICS_RESULTS

Entity Name: PROTEOMICS_RESULTS

Entity Type: Dependent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
SUBJECT_GROUP_NAME	VARCHAR2 (100)	Y
SUBJECT_NAME	VARCHAR2 (100)	Y
PROTEIN_FRACTIONING	VARCHAR2 (100)	Y
PROTEIN_FRACTIONING_ID	NUMBER (38,0)	Y
SPOT_ID	VARCHAR2 (10)	Y
SPOT_RATIO	VARCHAR2 (10)	Y
NO_OF_PEPTIDES_SEQ	VARCHAR2 (10)	Y
MOWSE_SCORE	VARCHAR2 (10)	Y
PROTEIN_ID	VARCHAR2 (10)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_8	STUDY_ID	STUDY
F_STUDY_SUBJECT_1	STUDYSUBJECT_ID	STUDY_SUBJECT
F_STUDY_PROTOCOL_9	PROTEIN_FRACTIONING_ID	STUDY_PROTOCOL
F_STUDY_SUBJECT_GROUP_1	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

PROTOCOL_ATTR

Entity Name: PROTOCOL_ATTR
Entity Type: Dependent
Primary Keys: PROTOCOL_ATTR

Attributes

	Column Name	Data Type	Nullable
PROTOCOL_ATTR		VARCHAR2 (100)	N
ATTR_TYPE		VARCHAR2 (50)	N
DESCRIPTION		VARCHAR2 (3000)	Y
CREATED_BY		VARCHAR2 (50)	Y
CREATION_DATE		DATE	Y
UPDATED_BY		VARCHAR2 (50)	Y
UPDATION_DATE		DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
F_ATTR_TYPE		ATTR_TYPE	ATTR_TYPE

PROTOCOL_ATTR_ALIAS

Entity Name: PROTOCOL_ATTR_ALIAS
Entity Type: Dependent
Primary Keys: PROTOCOL_ATTR,ALIAS_NAME

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_ATTR	VARCHAR2 (100)	N
	ALIAS_NAME	VARCHAR2 (100)	N
	SOURCE_NAME	VARCHAR2 (100)	Y
	SOURCE_VERSION	VARCHAR2 (50)	Y
	SOURCE_COMMENTS	VARCHAR2 (1000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_ATTR_2	PROTOCOL_ATTR	PROTOCOL_ATTR

PROTOCOL_ATTR_CV

Entity Name: PROTOCOL_ATTR_CV
Entity Type: Dependent
Primary Keys: PROTOCOL_ATTR,CV_VALUE

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_ATTR	VARCHAR2 (100)	N
	CV_VALUE	VARCHAR2 (500)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_ATTR	PROTOCOL_ATTR	PROTOCOL_ATTR

PROTOCOL_ATTR_RELEVANCE

Entity Name: PROTOCOL_ATTR_RELEVANCE
Entity Type: Dependent
Primary Keys: PROTOCOL_ATTR,OBJECT_NAME,OBJECT_PROPERTY,OBJECT_PROPERTY_VALUE

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_ATTR	VARCHAR2 (100)	N
	OBJECT_NAME	VARCHAR2 (50)	N
	OBJECT_PROPERTY	VARCHAR2 (100)	N
	OBJECT_PROPERTY_VALUE	VARCHAR2 (200)	N
	IS_REQUIRED	CHAR (1)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_ATTR_40	PROTOCOL_ATTR	PROTOCOL_ATTR

PROTOCOL_CHARACTERISTICS

Entity Name: PROTOCOL_CHARACTERISTICS
Entity Type: Dependent
Primary Keys: PROTOCOL_TYPE,PROTOCOL_ATTR,STUDYPROTOCOL_ID

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_TYPE	VARCHAR2 (100)	N
	PROTOCOL_ATTR	VARCHAR2 (100)	N
	STUDYPROTOCOL_ID	NUMBER (38,0)	N
	STUDY_ID	NUMBER (38,0)	Y
	DEPOSITOR_NAME	VARCHAR2 (100)	Y
	ATTR_VALUE	VARCHAR2 (500)	Y
	ATTR_VALUE_UNIT	VARCHAR2 (50)	Y
	ATTR_VALUE_COMMENT	VARCHAR2 (3000)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_37	STUDY_ID	STUDY
	F_STUDY_PROTOCOL	STUDYPROTOCOL_ID	STUDY_PROTOCOL
	F_PROTOCOL_TYPE_ATTR	PROTOCOL_TYPE,PROTOCOL_ATTR	PROTOCOL_TYPE_ATTR

PROTOCOL_CLASS

Entity Name: PROTOCOL_CLASS
Entity Type: Independent
Primary Keys: PROTOCOL_CLASS

Attributes

	Column Name	Data Type	Nullable
PROTOCOL_CLASS		VARCHAR2 (100)	N
DISPLAY_ORDER		NUMBER (2,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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PROTOCOL_TYPE

Entity Name: PROTOCOL_TYPE
Entity Type: Dependent
Primary Keys: PROTOCOL_TYPE

Attributes

	Column Name	Data Type	Nullable
PROTOCOL_TYPE		VARCHAR2 (100)	N
PROTOCOL_CLASS		VARCHAR2 (100)	Y
DESCRIPTION		VARCHAR2 (3000)	Y
SHORT_NAME		VARCHAR2 (10)	Y
CREATED_BY		VARCHAR2 (50)	Y
CREATION_DATE		DATE	Y
UPDATED_BY		VARCHAR2 (50)	Y
UPDATION_DATE		DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
F_PROTOCOL_CLASS		PROTOCOL_CLASS	PROTOCOL_CLASS

PROTOCOL_TYPE_ALIAS

Entity Name: PROTOCOL_TYPE_ALIAS
Entity Type: Dependent
Primary Keys: ALIAS_NAME,PROTOCOL_TYPE

Attributes

Column Name	Data Type	Nullable
ALIAS_NAME	VARCHAR2 (200)	N
PROTOCOL_TYPE	VARCHAR2 (100)	N
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
SOURCE	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_PROTOCOL_TYPE_77	PROTOCOL_TYPE	PROTOCOL_TYPE

PROTOCOL_TYPE_ATTR

Entity Name: PROTOCOL_TYPE_ATTR
Entity Type: Dependent
Primary Keys: PROTOCOL_TYPE,PROTOCOL_ATTR

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_TYPE	VARCHAR2 (100)	N
	PROTOCOL_ATTR	VARCHAR2 (100)	N
	VALIDATION_TABLENAME	VARCHAR2 (50)	Y
	VALIDATION_COLUMN	VARCHAR2 (50)	Y
	DEFAULT_VALUE	VARCHAR2 (100)	Y
	UNIT_PROTOCOL_ATTR	VARCHAR2 (100)	Y
	IS_REQUIRED	CHAR (1)	Y
	IS_UPDATABLE	CHAR (1)	Y
	IS_DISPLAYABLE	CHAR (1)	Y
	IS_SEARCH_ALLOWED	CHAR (1)	Y
	IS_DOWNLOADABLE	CHAR (1)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_TYPE	PROTOCOL_TYPE	PROTOCOL_TYPE
	F_PROTOCOL_ATTR_14	PROTOCOL_ATTR	PROTOCOL_ATTR

PROTOCOL_TYPE_RELEVANCE

Entity Name: PROTOCOL_TYPE_RELEVANCE
Entity Type: Dependent
Primary Keys: PROTOCOL_TYPE,OBJECT_PROPERTY_VALUE,OBJECT_PROPERTY,OBJECT_NAME

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_TYPE	VARCHAR2 (100)	N
	OBJECT_NAME	VARCHAR2 (50)	N
	OBJECT_PROPERTY	VARCHAR2 (100)	N
	OBJECT_PROPERTY_VALUE	VARCHAR2 (200)	N
	IS_REQUIRED	CHAR (1)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_PROTOCOL_TYPE_39	PROTOCOL_TYPE	PROTOCOL_TYPE

PUBLICATION

Entity Name: PUBLICATION
Entity Type: Independent
Primary Keys: PUBLICATION_ID

Attributes

Column Name	Data Type	Nullable
PUBLICATION_ID	NUMBER (38,0)	N
PUBLICATION_TITLE	VARCHAR2 (300)	N
AUTHORS	VARCHAR2 (600)	Y
PUBLISHER	VARCHAR2 (200)	Y
PUBLICATION_YEAR	CHAR (4)	Y
FULL_CITATION	VARCHAR2 (1000)	Y
VOLUME	VARCHAR2 (10)	Y
ISSUE	VARCHAR2 (10)	Y
PAGES	NUMBER (38,0)	Y
PMID	VARCHAR2 (100)	Y
JOURNAL	VARCHAR2 (200)	Y
MEETING	VARCHAR2 (200)	Y
BOOK	VARCHAR2 (200)	Y
STUDY_ACCESSION_NUMBER	VARCHAR2 (50)	Y
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (50)	Y
ABSTRACT_1	VARCHAR2 (3000)	Y
ABSTRACT_2	VARCHAR2 (3000)	Y
ABSTRACT_3	VARCHAR2 (3000)	Y
ABSTRACT_4	VARCHAR2 (3000)	Y
ABSTRACT_TEXT	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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QUEST_TEMP_EXPLAIN

Entity Name: QUEST_TEMP_EXPLAIN

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STATEMENT_ID	VARCHAR2 (30)	Y
TIMESTAMP	DATE	Y
REMARKS	VARCHAR2 (80)	Y
OPERATION	VARCHAR2 (30)	Y
OPTIONS	VARCHAR2 (30)	Y
OBJECT_NODE	VARCHAR2 (128)	Y
OBJECT_OWNER	VARCHAR2 (30)	Y
OBJECT_NAME	VARCHAR2 (30)	Y
OBJECT_INSTANCE	NUMBER (,0)	Y
OBJECT_TYPE	VARCHAR2 (30)	Y
OPTIMIZER	VARCHAR2 (255)	Y
SEARCH_COLUMNS	NUMBER (,0)	Y
ID	NUMBER (,0)	Y
PARENT_ID	NUMBER (,0)	Y
POSITION	NUMBER (,0)	Y
COST	NUMBER (,0)	Y
CARDINALITY	NUMBER (,0)	Y
BYTES	NUMBER (,0)	Y
OTHER_TAG	VARCHAR2 (255)	Y
PARTITION_START	VARCHAR2 (255)	Y
PARTITION_STOP	VARCHAR2 (255)	Y
PARTITION_ID	NUMBER (,0)	Y
OTHER	LONG	Y
DISTRIBUTION	VARCHAR2 (30)	Y
CPU_COST	NUMBER (,0)	Y
IO_COST	NUMBER (,0)	Y
TEMP_SPACE	NUMBER (,0)	Y
ACCESS_PREDICATES	VARCHAR2 (4000)	Y
FILTER_PREDICATES	VARCHAR2 (4000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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RPTS_STUDY

Entity Name: RPTS_STUDY
Entity Type: Independent
Primary Keys: STUDY_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDY_TITLE	VARCHAR2 (300)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
ORGANIZATION_ABBR	VARCHAR2 (15)	Y
CAS_NO	VARCHAR2 (100)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
DEPOSITOR_STUDY_NUMBER	VARCHAR2 (1000)	Y
START_DATE	VARCHAR2 (1000)	Y
END_DATE	VARCHAR2 (1000)	Y
LABORATORY	VARCHAR2 (1000)	Y
TDMSE_TEST_TYPE	VARCHAR2 (1000)	Y
TDMSE_LOCK_DATE	VARCHAR2 (1000)	Y
PWG_APPROVAL_DATE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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RPTS_TRT_GROUPS

Entity Name: RPTS_TRT_GROUPS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
GROUP_NAME	VARCHAR2 (1000)	Y
CHEMICAL_NAME	VARCHAR2 (500)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
COMPOUND_PERCENT	VARCHAR2 (500)	Y
DOSE	VARCHAR2 (500)	Y
DOSE_UNIT	VARCHAR2 (500)	Y
DOSE_DESC	VARCHAR2 (1000)	Y
FIRST_DOSE	VARCHAR2 (1000)	Y
IS_CONTROL_GROUP	CHAR (1)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
VEHICLE	VARCHAR2 (1000)	Y
SPECIES	VARCHAR2 (1000)	Y
GROUP_SEX	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
NSDM_EXPERIMENT_NUM	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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STD_UNIT_CONVERSION

Entity Name: STD_UNIT_CONVERSION
Entity Type: Independent
Primary Keys: PROTOCOL_TYPE,DEPOSITOR_UNIT

Attributes

	Column Name	Data Type	Nullable
	PROTOCOL_TYPE	VARCHAR2 (100)	N
	DEPOSITOR_UNIT	VARCHAR2 (50)	N
	STD_UNIT	VARCHAR2 (50)	Y
	CONVERSION_EXPRESSION	VARCHAR2 (2000)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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STRESSOR_TYPE

Entity Name: STRESSOR_TYPE
Entity Type: Independent
Primary Keys: STRESSOR_TYPE

Attributes

	Column Name	Data Type	Nullable
	STRESSOR_TYPE	VARCHAR2 (50)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
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STUDY

Entity Name: STUDY
Entity Type: Dependent
Primary Keys: STUDY_ID

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	INVESTIGATION_ID	NUMBER (38,0)	N
	ACCESSION_NUMBER	VARCHAR2 (50)	Y
	DEPOSITOR_NUMBER	VARCHAR2 (100)	Y
	STUDY_TITLE	VARCHAR2 (300)	Y
	STUDY_TITLE_SHORT	VARCHAR2 (75)	Y
	STUDY_DESC	VARCHAR2 (2000)	Y
	IS_PUBLIC	CHAR (1)	Y
	IS_DELETED	CHAR (1)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_INVESTIGATION	INVESTIGATION_ID	INVESTIGATION

STUDY_ASSAY_INPUT

Entity Name: STUDY_ASSAY_INPUT
Entity Type: Dependent
Primary Keys: STUDYASSAYINPUT_ID

Attributes

Column Name	Data Type	Nullable
STUDYASSAYINPUT_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
DEPOSITOR_NAME	VARCHAR2 (200)	Y
DISPLAY_NAME	VARCHAR2 (200)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_11	STUDY_ID	STUDY
F_STUDY_EVENT_83	STUDYEVENT_ID	STUDY_EVENT
F_STUDY_PROTOCOL_1	STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_SUBJECT_82	STUDYSUBJECT_ID	STUDY_SUBJECT
F_STUDY_SUBJECT_GROUP_81	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

STUDY_ASSAY_INPUT_PARTICIPANT

Entity Name: STUDY_ASSAY_INPUT_PARTICIPANT
Entity Type: Dependent
Primary Keys: STUDYASSAYINPUTPARTICIPANT_ID

Attributes

Column Name	Data Type	Nullable
STUDYASSAYINPUTPARTICIPANT_ID	NUMBER (38,0)	N
STUDYASSAYINPUT_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_SUBJECT_SAIP	STUDYSUBJECT_ID	STUDY_SUBJECT
F_STUDY_ASSAY_INPUT_SAIP	STUDYASSAYINPUT_ID	STUDY_ASSAY_INPUT
F_STUDY_SUBJECT_GROUP_SAIP	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

STUDY_ATTR

Entity Name: STUDY_ATTR
Entity Type: Independent
Primary Keys: STUDY_ATTR

Attributes

Column Name	Data Type	Nullable
STUDY_ATTR	VARCHAR2 (100)	N
DESCRIPTION	VARCHAR2 (3000)	Y
ATTR_TYPE	VARCHAR2 (50)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
UNIT_STUDY_ATTR	VARCHAR2 (100)	Y
IS_SEARCH_ALLOWED	CHAR (1)	Y
IS_DISPLAYABLE	CHAR (1)	Y
IS_DOWNLOADABLE	CHAR (1)	Y
IS_REQUIRED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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STUDY_ATTR_ALIAS

Entity Name: STUDY_ATTR_ALIAS
Entity Type: Dependent
Primary Keys: STUDY_ATTR,ALIAS_NAME

Attributes

	Column Name	Data Type	Nullable
STUDY_ATTR		VARCHAR2 (100)	N
ALIAS_NAME		VARCHAR2 (100)	N
SOURCE_NAME		VARCHAR2 (100)	Y
SOURCE_VERSION		VARCHAR2 (50)	Y
SOURCE_COMMENTS		VARCHAR2 (1000)	Y
CREATED_BY		VARCHAR2 (50)	Y
CREATION_DATE		DATE	Y
UPDATED_BY		VARCHAR2 (50)	Y
UPDATION_DATE		DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
F_STUDY_ATTR		STUDY_ATTR	STUDY_ATTR

STUDY_ATTR_CV

Entity Name: STUDY_ATTR_CV
Entity Type: Dependent
Primary Keys: STUDY_ATTR,CV_VALUE

Attributes

	Column Name	Data Type	Nullable
	STUDY_ATTR	VARCHAR2 (100)	N
	CV_VALUE	VARCHAR2 (100)	N
	DESCRIPTION	VARCHAR2 (3000)	Y
	CREATED_BY	VARCHAR2 (50)	Y
	CREATION_DATE	DATE	Y
	UPDATED_BY	VARCHAR2 (50)	Y
	UPDATION_DATE	DATE	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_ATTR_1	STUDY_ATTR	STUDY_ATTR

STUDY_CHARACTERISTICS

Entity Name: STUDY_CHARACTERISTICS
Entity Type: Dependent
Primary Keys: STUDY_ID,STUDY_ATTR,ATTR_VALUE

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	STUDY_ATTR	VARCHAR2 (100)	N
	ATTR_VALUE	VARCHAR2 (1000)	N
	DEPOSITOR_NAME	VARCHAR2 (100)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_42	STUDY_ID	STUDY
	F_STUDY_ATTR_43	STUDY_ATTR	STUDY_ATTR

STUDY_DATA

Entity Name: STUDY_DATA
Entity Type: Dependent
Primary Keys: STUDYDATA_ID

Attributes

Column Name	Data Type	Nullable
STUDYDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYASSAYINPUT_ID	NUMBER (38,0)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
ORIGINAL_VALUE_UNIT	VARCHAR2 (100)	Y
NUMERIC_VALUE	NUMBER (,)	Y
NUMERIC_VALUE_UNIT	VARCHAR2 (100)	Y
STANDARD_VALUE	VARCHAR2 (100)	Y
STANDARD_VALUE_UNIT	VARCHAR2 (100)	Y
IS_SUMMARY_RESULT	CHAR (1)	Y
IS_RESULT_EXCLUDED	CHAR (1)	Y
EXCLUSION_COMMENTS	VARCHAR2 (2000)	Y
IS_RELATIVE_RESULT	CHAR (1)	Y
IS_TERMINAL_SAMPLE	CHAR (1)	Y
IS_NORMAL	CHAR (1)	Y
IS_CONTROL_GROUP	CHAR (1)	Y
QUALIFIER	VARCHAR2 (100)	Y
QUALIFIER_VALUE	VARCHAR2 (100)	Y
CEBS_CONCLUSION	VARCHAR2 (10)	Y
CEBS_FOLD_CHANGE	NUMBER (10,3)	Y
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
DATADOMAIN_DEPOSITOR	VARCHAR2 (50)	Y
SPECIMEN_TYPE	VARCHAR2 (50)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (50)	Y
LATERALITY	VARCHAR2 (50)	Y
LOCATION	VARCHAR2 (50)	Y
SEVERITY_SCALE	VARCHAR2 (500)	Y
SEVERITY	VARCHAR2 (50)	Y
GROWTH_PATTERN	VARCHAR2 (50)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
INFILTRATING_CELLS	VARCHAR2 (50)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
DIAGNOSIS_DESC	VARCHAR2 (1000)	Y
DIAGNOSIS_CONSENSUS	VARCHAR2 (1000)	Y
BEHAVIOR	VARCHAR2 (50)	Y
IS_BEHAVIOR	CHAR (1)	Y
TUMOR_NAME	VARCHAR2 (50)	Y
TUMOR_DEATH_STATUS	VARCHAR2 (50)	Y
TUMOR_COMMENTS	VARCHAR2 (50)	Y

NO_OF_INSTANCES	VARCHAR2 (50)	Y
AV_SEVERITY_AFFECTED	VARCHAR2 (50)	Y
AV_SEVERITY_TOTAL	VARCHAR2 (50)	Y
MEAN	VARCHAR2 (50)	Y
STDEV	VARCHAR2 (50)	Y
VALUE_TYPE	VARCHAR2 (100)	Y
STDEV_LOG_RATIO	VARCHAR2 (50)	Y
SEM	VARCHAR2 (50)	Y
P_VALUE_RIDIT_SCORE	VARCHAR2 (50)	Y
MEAN_LOG_RATIO	VARCHAR2 (50)	Y
AVERAGE_RIDIT_SCORE	VARCHAR2 (50)	Y
COMMENTS	VARCHAR2 (1000)	Y
CONCLUSION	VARCHAR2 (100)	Y
BODY_SYSTEM	VARCHAR2 (100)	Y
STD_VALUE	VARCHAR2 (100)	Y
NO_SEVERITY_0	VARCHAR2 (50)	Y
NO_SEVERITY_1	VARCHAR2 (50)	Y
NO_SEVERITY_2	VARCHAR2 (50)	Y
NO_SEVERITY_3	VARCHAR2 (50)	Y
NO_SEVERITY_4	VARCHAR2 (50)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
OBS_DATE	VARCHAR2 (30)	Y
SUMMARY_NUM_W_LESION	VARCHAR2 (50)	Y
SUMMARY_NUM_EXAMINED	VARCHAR2 (50)	Y
ADJUSTED_RATE_PCT	VARCHAR2 (50)	Y
OVERALL_NUM_W_LESION	VARCHAR2 (50)	Y
OVERALL_NUM_EXAMINED	VARCHAR2 (50)	Y
OVERAL_INCIDENCE_PCT	VARCHAR2 (50)	Y
TERM_NUM_W_LESION	VARCHAR2 (50)	Y
TERM_NUM_EXAMINED	VARCHAR2 (50)	Y
TERM_INCIDENCE_PCT	VARCHAR2 (50)	Y
REPEAT_NUMBER	VARCHAR2 (50)	Y
EVENT_FREQUENCY	VARCHAR2 (50)	Y
EVENT_FREQUENCY_UNIT	VARCHAR2 (50)	Y
EVENT_FREQ_COMMENT	VARCHAR2 (50)	Y
EVENT_START	VARCHAR2 (50)	Y
EVENT_END	VARCHAR2 (50)	Y
EVENT_DURATION	VARCHAR2 (50)	Y
EVENT_DURATION_UNIT	VARCHAR2 (50)	Y
EVENT_UNIT	VARCHAR2 (50)	Y
SIZES	VARCHAR2 (50)	Y
GROUP_TOTAL	VARCHAR2 (50)	Y
GROUP_TOTAL_UNIT	VARCHAR2 (50)	Y
OBS_SESSION	VARCHAR2 (50)	Y
PAIRWISE_PVALUE	VARCHAR2 (50)	Y
PAIRWISE_PVALUE_NOTE	VARCHAR2 (1000)	Y
PAIRWISE_PVALUE_TEST	VARCHAR2 (50)	Y
TREND_PVALUE	VARCHAR2 (50)	Y
TREND_PVALUE_NOTE	VARCHAR2 (1000)	Y
TREND_PVALUE_TEST	VARCHAR2 (50)	Y
COLOR	VARCHAR2 (50)	Y
IS_SYSTEMIC	CHAR (1)	Y
IS_MALIGNANT	CHAR (1)	Y
OBS_TIME	VARCHAR2 (30)	Y
IS_METASTATIC	CHAR (1)	Y
IS_PROTOCOL_REQ_TISS	CHAR (1)	Y
EXUDATE	VARCHAR2 (50)	Y
DEGEN_QUAL	VARCHAR2 (50)	Y
DIAGNOSIS_DURATION	VARCHAR2 (50)	Y

OTHER	VARCHAR2 (50)	Y
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Relationships

	Constraint Name	Columns Involve	Linked Table
F_STUDY_34		STUDY_ID	STUDY
F_DATA_DOMAIN_4		DATADOMAIN_DEPOSITOR	DATA_DOMAIN
F_DATA_DOMAIN_5		DATA_DOMAIN_CEBS	DATA_DOMAIN
F_STUDY_EVENT_35		STUDYEVENT_ID	STUDY_EVENT
F_STUDY_SUBJECT_33		STUDYSUBJECT_ID	STUDY_SUBJECT
F_STUDY_PROTOCOL_36		STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_CEBS_CONCLUSION_CV		CEBS_CONCLUSION	CEBS_CONCLUSION_CV
F_STUDY_ASSAY_INPUT_78		STUDYASSAYINPUT_ID	STUDY_ASSAY_INPUT
F_STUDY_SUBJECT_GROUP_32		STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

STUDY_DATA_DOMAIN

Entity Name: STUDY_DATA_DOMAIN
Entity Type: Dependent
Primary Keys: STUDY_ID,DATA_DOMAIN

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	DATA_DOMAIN	VARCHAR2 (50)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_85	STUDY_ID	STUDY
	F_DATA_DOMAIN	DATA_DOMAIN	DATA_DOMAIN

STUDY_DATA_FILES

Entity Name: STUDY_DATA_FILES
Entity Type: Dependent
Primary Keys: FILE_ID

Attributes

Column Name	Data Type	Nullable
FILE_ID	NUMBER (38,0)	N
STUDY_ACCESSION_NUMBER	VARCHAR2 (100)	Y
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (100)	Y
PROTOCOL_TYPE	VARCHAR2 (100)	Y
PROTOCOL_NAME	VARCHAR2 (100)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
INPUT_DESCRIPTION	VARCHAR2 (3000)	Y
OUTPUT_DESCRIPTION	VARCHAR2 (3000)	Y
FILE_NAME	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_PROTOCOL_5	STUDYPROTOCOL_ID	STUDY_PROTOCOL

STUDY_EVENT

Entity Name: STUDY_EVENT
Entity Type: Dependent
Primary Keys: STUDYEVENT_ID

Attributes

Column Name	Data Type	Nullable
STUDYEVENT_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
EVENTTYPE_ID	NUMBER (38,0)	N
STUDY_EVENT_NAME	VARCHAR2 (100)	Y
DEPOSITOR_NAME	VARCHAR2 (100)	Y
TIME_IN_STUDY	NUMBER (6,2)	Y
TIME_IN_STUDY_UNIT	VARCHAR2 (15)	Y
ACTUAL_TIME_STAMP	DATE	Y
PHASE_TIME	NUMBER (5,2)	Y
PHASE_TIME_UNIT	VARCHAR2 (50)	Y
EVENT_DURATION	NUMBER (38,0)	Y
EVENT_DURATION_UNIT	VARCHAR2 (50)	Y
VISIT_NUMBER	NUMBER (38,0)	Y
EVENT_COMMENTS	VARCHAR2 (1000)	Y
STUDYPHASE_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_4	STUDY_ID	STUDY
F_EVENT_TYPE	EVENTTYPE_ID	EVENT_TYPE
F_STUDY_PHASE	STUDYPHASE_ID	STUDY_PHASE

STUDY_GROUP_HIERARCHY

Entity Name: STUDY_GROUP_HIERARCHY
Entity Type: Dependent
Primary Keys: PARENT_GROUP_ID,CHILD_GROUP_ID

Attributes

Column Name	Data Type	Nullable
PARENT_GROUP_ID	NUMBER (38,0)	N
CHILD_GROUP_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_SUBJECT_GROUP_3	PARENT_GROUP_ID	STUDY_SUBJECT_GROUP
F_STUDY_SUBJECT_GROUP_4	CHILD_GROUP_ID	STUDY_SUBJECT_GROUP

STUDY_PHASE

Entity Name: STUDY_PHASE
Entity Type: Dependent
Primary Keys: STUDYPHASE_ID

Attributes

	Column Name	Data Type	Nullable
	STUDYPHASE_ID	NUMBER (38,0)	N
	STUDY_ID	NUMBER (38,0)	N
	PHASE_NAME	VARCHAR2 (100)	Y
	PHASE_DURATION	NUMBER (38,0)	Y
	PHASE_DURATION_UNIT	VARCHAR2 (50)	Y
	PHASE_RANK	NUMBER (38,0)	Y

Relationships

	Constraint Name	Columns Involve	Linked Table
	F_STUDY_2	STUDY_ID	STUDY

STUDY_PROTOCOL

Entity Name: STUDY_PROTOCOL
Entity Type: Dependent
Primary Keys: STUDYPROTOCOL_ID

Attributes

Column Name	Data Type	Nullable
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
PROTOCOL_TYPE	VARCHAR2 (100)	N
DISPLAY_NAME	VARCHAR2 (150)	N
DEPOSITOR_NAME	VARCHAR2 (150)	Y
DESCRIPTION	VARCHAR2 (3000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_22	STUDY_ID	STUDY
F_PROTOCOL_TYPE_21	PROTOCOL_TYPE	PROTOCOL_TYPE

STUDY_SIFT_FILE

Entity Name: STUDY_SIFT_FILE

Entity Type: Dependent

Primary Keys: STUDY_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,)	N
STUDY_ACC_NUMBER	VARCHAR2 (100)	N
INVESTIGATION_ACC_NUMBER	VARCHAR2 (100)	N
SIFT_FILE	CLOB	Y
PROPERTIES_FILE	CLOB	Y
SIFT_FILENAME	VARCHAR2 (150)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_SIFT	STUDY_ID	STUDY

STUDY_SIFT_FILE2012

Entity Name: STUDY_SIFT_FILE2012
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,)	Y
STUDY_ACC_NUMBER	VARCHAR2 (100)	N
INVESTIGATION_ACC_NUMBER	VARCHAR2 (100)	N
SIFT_FILE	CLOB	Y
PROPERTIES_FILE	CLOB	Y
SIFT_FILENAME	VARCHAR2 (150)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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STUDY_STRESSOR

Entity Name: STUDY_STRESSOR
Entity Type: Dependent
Primary Keys: STUDYSTRESSOR_ID

Attributes

Column Name	Data Type	Nullable
STUDYSTRESSOR_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (250)	Y
DEPOSITOR_NAME	VARCHAR2 (250)	Y
STRESSOR_COMMENTS	VARCHAR2 (2000)	Y
STRESSOR_TYPE	VARCHAR2 (50)	Y
MT_STRESSOR_ID	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY	STUDY_ID	STUDY
F_MT_STRESSOR_TYPE	STRESSOR_TYPE,MT_STRESSOR_ID	MT_STRESSOR_TYPE

STUDY_STRESSOR_PROTOCOL

Entity Name: STUDY_STRESSOR_PROTOCOL
Entity Type: Dependent
Primary Keys: STUDYSTRESSOR_ID,STUDYPROTOCOL_ID

Attributes

Column Name	Data Type	Nullable
STUDYSTRESSOR_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_STRESSOR	STUDYSTRESSOR_ID	STUDY_STRESSOR
F_STUDY_PROTOCOL_2	STUDYPROTOCOL_ID	STUDY_PROTOCOL

STUDY_SUBJECT

Entity Name: STUDY_SUBJECT
Entity Type: Dependent
Primary Keys: STUDYSUBJECT_ID

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECT_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (150)	N
DEPOSITOR_NAME	VARCHAR2 (150)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
IS_EXCEPTION	CHAR (1)	Y
EXCEPTION_COMMENTS	VARCHAR2 (1000)	Y
SUBJECT_COMMENTS	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_6	STUDY_ID	STUDY
F_STUDY_SUBJECT_GROUP_44	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

STUDY_SUBJECT_GROUP

Entity Name: STUDY_SUBJECT_GROUP
Entity Type: Dependent
Primary Keys: STUDYSUBJECTGROUP_ID

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (150)	N
DEPOSITOR_NAME	VARCHAR2 (150)	N
IS_CONTROL_GROUP	CHAR (1)	Y
COMPARATOR_NAME	VARCHAR2 (100)	Y
COMPARATOR_ID	NUMBER (38,0)	Y
IS_EXCEPTION	CHAR (1)	Y
EXCEPTION_COMMENTS	VARCHAR2 (2000)	Y
GROUP_COMMENTS	VARCHAR2 (2000)	Y
GROUP_HIERARCHY_LEVEL	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_5	STUDY_ID	STUDY

STUDY_TIMELINE_EVENT

Entity Name: STUDY_TIMELINE_EVENT
Entity Type: Dependent
Primary Keys: STUDYEVENT_ID,STUDYPROTOCOL_ID,STUDYSUBJECTGROUP_ID

Attributes

Column Name	Data Type	Nullable
STUDYEVENT_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_38	STUDY_ID	STUDY
F_STUDY_EVENT	STUDYEVENT_ID	STUDY_EVENT
F_STUDY_PROTOCOL_20	STUDYPROTOCOL_ID	STUDY_PROTOCOL
F_STUDY_SUBJECT_GROUP_19	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

TABLE_COLUMNS_MAPPING

Entity Name: TABLE_COLUMNS_MAPPING
Entity Type: Independent
Primary Keys: TABLE_NAME, MAPPING_NAME, TABLE_COLUMN

Attributes

	Column Name	Data Type	Nullable
TABLE_NAME		VARCHAR2 (30)	N
TABLE_COLUMN		VARCHAR2 (30)	N
MAPPING_NAME		VARCHAR2 (30)	N
TABLE_COLUMN_TYPE		VARCHAR2 (10)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TDMSE_MEGAP08

Entity Name: TDMSE_MEGAP08
Entity Type: Independent
Primary Keys: MEGAP8_ID

Attributes

Column Name	Data Type	Nullable
MEGAP8_ID	NUMBER (9,0)	N
ORGAN	VARCHAR2 (100)	N
ORGANCODE	VARCHAR2 (10)	Y
SITE	VARCHAR2 (50)	Y
ISTARGET	CHAR (1)	Y
MORPH	VARCHAR2 (200)	Y
MORPHCODE	VARCHAR2 (10)	Y
ISPOOL	CHAR (1)	Y
SPECIES	VARCHAR2 (20)	Y
STRAIN	VARCHAR2 (30)	Y
TDMSNO	VARCHAR2 (7)	N
CHEM_NAME	VARCHAR2 (255)	N
CAS_NUM	VARCHAR2 (30)	N
TR_NO	VARCHAR2 (10)	Y
RPT_STATUS	VARCHAR2 (20)	Y
LAB	VARCHAR2 (100)	N
DIET	VARCHAR2 (20)	Y
DOSE_ROUTE	VARCHAR2 (30)	N
VEHICLE	VARCHAR2 (50)	Y
SEX	CHAR (1)	Y
NTPCALL	VARCHAR2 (4)	Y
START_DATE	VARCHAR2 (10)	Y
DOSEINDEX	NUMBER (38,0)	N
DOSEVALUE	FLOAT	Y
DOSEDESC	VARCHAR2 (30)	Y
NUMTUMORS	NUMBER (38,0)	Y
ATRISK	NUMBER (38,0)	Y
POLY3ATRISK	FLOAT	Y
POLY3PVALUE	VARCHAR2 (10)	Y
ACCESSION_NO	VARCHAR2 (21)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_BM_TRAIL_IDS

Entity Name: TEMP_BM_TRAIL_IDS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_DD_REPORT

Entity Name: TEMP_DD_REPORT
Entity Type: Independent
Primary Keys: DATA_DOMAIN,TERM

Attributes

	Column Name	Data Type	Nullable
	DATA_DOMAIN	VARCHAR2 (50)	N
	TERM	VARCHAR2 (50)	N
	DESCRIPTION	VARCHAR2 (2000)	Y
	CREATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_HISTO_DEVITO

Entity Name: TEMP_HISTO_DEVITO

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDY_TITLE	VARCHAR2 (300)	Y
NTP_STUDY_TYPE	VARCHAR2 (1000)	Y
UI_DIAGNOSIS	VARCHAR2 (1000)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (50)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
SEVERITY	VARCHAR2 (559)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_MAX_TD

Entity Name: TEMP_MAX_TD

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (50)	Y
CHEMICAL_NAME	VARCHAR2 (200)	Y
STUDY_ID	NUMBER (38,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
GROUP_NAME	VARCHAR2 (60)	Y
SPECIES	VARCHAR2 (50)	Y
STRAIN	VARCHAR2 (50)	Y
ROUTE	VARCHAR2 (50)	Y
DOSE	VARCHAR2 (20)	Y
DOSE_UNIT	VARCHAR2 (20)	Y
SEX	VARCHAR2 (10)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (25)	Y
BW_MEAN	NUMBER (38,0)	Y
IS_TOLERATED_DOSE	VARCHAR2 (7)	Y
PVALUE	VARCHAR2 (20)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_PATH_SCOTT_CHRONIC

Entity Name: TEMP_PATH_SCOTT_CHRONIC

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
STUDY_TYE		VARCHAR2 (50)	Y
CHEMICAL		VARCHAR2 (200)	Y
SPECIES		VARCHAR2 (100)	Y
DOSE_TEXT		VARCHAR2 (100)	Y
DOSE		VARCHAR2 (400)	Y
SEX		VARCHAR2 (400)	Y
LIAISON		VARCHAR2 (300)	Y
SCORE		VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_PATH_SCOTT_CHRONIC1

Entity Name: TEMP_PATH_SCOTT_CHRONIC1
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_TYE	VARCHAR2 (50)	Y
	CHEMICAL	VARCHAR2 (200)	Y
	SPECIES	VARCHAR2 (100)	Y
	DOSE_TEXT	VARCHAR2 (100)	Y
	DOSE	VARCHAR2 (4000)	Y
	SEX	VARCHAR2 (400)	Y
	LIAISON	VARCHAR2 (300)	Y
	SCORE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_PATH_SCOT_90DAYS

Entity Name: TEMP_PATH_SCOT_90DAYS

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_TYE	VARCHAR2 (50)	Y
	CHEMICAL	VARCHAR2 (200)	Y
	SPECIES	VARCHAR2 (100)	Y
	DOSE_TEXT	VARCHAR2 (100)	Y
	DOSE	VARCHAR2 (400)	Y
	SEX	VARCHAR2 (400)	Y
	LIAISON	VARCHAR2 (300)	Y
	SCORE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_PATH_SCOT_90DAYS1

Entity Name: TEMP_PATH_SCOT_90DAYS1

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_TYE	VARCHAR2 (50)	Y
	CHEMICAL	VARCHAR2 (200)	Y
	SPECIES	VARCHAR2 (100)	Y
	DOSE_TEXT	VARCHAR2 (100)	Y
	DOSE	VARCHAR2 (4000)	Y
	SEX	VARCHAR2 (400)	Y
	LIAISON	VARCHAR2 (300)	Y
	SCORE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_SCOTT_CHEMICAL_MATCH

Entity Name: TEMP_SCOTT_CHEMICAL_MATCH
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
CHEMICAL_NAME		VARCHAR2 (500)	Y
CAS_NUMBER		VARCHAR2 (100)	Y
PARAMETER_VALUE		VARCHAR2 (2000)	Y
MT_STRESSOR_ID		VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_SUPER_GROUPS

Entity Name: TEMP_SUPER_GROUPS

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	GROUP_ID	NUMBER (38,0)	N
	SUPER_GROUP_ID	VARCHAR2 (4000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_TDMSE2

Entity Name: TEMP_TDMSE2
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	TDMSNO	VARCHAR2 (7)	N

Relationships

	Constraint Name	Columns Involve	Linked Table
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TEMP_TOX21_ID

Entity Name: TEMP_TOX21_ID
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
TOX21_ID	VARCHAR2 (1000)	Y
CAS_NO	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TEMP_UNITS_TABLE

Entity Name: TEMP_UNITS_TABLE
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
DOSE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TOAD_PLAN_TABLE

Entity Name: TOAD_PLAN_TABLE

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STATEMENT_ID	VARCHAR2 (30)	Y
PLAN_ID	NUMBER (,)	Y
TIMESTAMP	DATE	Y
REMARKS	VARCHAR2 (4000)	Y
OPERATION	VARCHAR2 (30)	Y
OPTIONS	VARCHAR2 (255)	Y
OBJECT_NODE	VARCHAR2 (128)	Y
OBJECT_OWNER	VARCHAR2 (30)	Y
OBJECT_NAME	VARCHAR2 (30)	Y
OBJECT_ALIAS	VARCHAR2 (65)	Y
OBJECT_INSTANCE	NUMBER (,0)	Y
OBJECT_TYPE	VARCHAR2 (30)	Y
OPTIMIZER	VARCHAR2 (255)	Y
SEARCH_COLUMNS	NUMBER (,)	Y
ID	NUMBER (,0)	Y
PARENT_ID	NUMBER (,0)	Y
DEPTH	NUMBER (,0)	Y
POSITION	NUMBER (,0)	Y
COST	NUMBER (,0)	Y
CARDINALITY	NUMBER (,0)	Y
BYTES	NUMBER (,0)	Y
OTHER_TAG	VARCHAR2 (255)	Y
PARTITION_START	VARCHAR2 (255)	Y
PARTITION_STOP	VARCHAR2 (255)	Y
PARTITION_ID	NUMBER (,0)	Y
OTHER	LONG	Y
DISTRIBUTION	VARCHAR2 (30)	Y
CPU_COST	NUMBER (,0)	Y
IO_COST	NUMBER (,0)	Y
TEMP_SPACE	NUMBER (,0)	Y
ACCESS_PREDICATES	VARCHAR2 (4000)	Y
FILTER_PREDICATES	VARCHAR2 (4000)	Y
PROJECTION	VARCHAR2 (4000)	Y
TIME	NUMBER (,0)	Y
QBLOCK_NAME	VARCHAR2 (30)	Y
OTHER_XML	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TOX21_ACCESSION_NUMBER

Entity Name: TOX21_ACCESSION_NUMBER

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (100)	N
INVESTIGATION_TITLE	VARCHAR2 (200)	Y
STUDY_TITLE	VARCHAR2 (250)	Y
ORGANIZATION_NAME	VARCHAR2 (100)	Y
ORGANIZATION_CODE	VARCHAR2 (3)	Y
GROUP_NAME	VARCHAR2 (200)	Y
GROUP_CODE	VARCHAR2 (5)	Y
STUDY_NAME	VARCHAR2 (100)	Y
STUDY_CODE	VARCHAR2 (4)	Y
DATA_CODE	VARCHAR2 (3)	Y
DATA_TYPE_DESCRIPTION	VARCHAR2 (200)	Y
REASON_TO_RETIRED	VARCHAR2 (1000)	Y
IS_STUDY_ACCESSION_NUMBER	CHAR (1)	Y
CREATION_DATE	DATE	Y
CREATED_BY	VARCHAR2 (50)	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
STUDY_COUNT	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TOX21_ACCESSION_NUMBER2

Entity Name: TOX21_ACCESSION_NUMBER2

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (100)	N
INVESTIGATION_TITLE	VARCHAR2 (200)	Y
STUDY_TITLE	VARCHAR2 (250)	Y
ORGANIZATION_NAME	VARCHAR2 (100)	Y
ORGANIZATION_CODE	VARCHAR2 (3)	Y
GROUP_NAME	VARCHAR2 (200)	Y
GROUP_CODE	VARCHAR2 (5)	Y
STUDY_NAME	VARCHAR2 (100)	Y
STUDY_CODE	VARCHAR2 (4)	Y
DATA_CODE	VARCHAR2 (3)	Y
DATA_TYPE_DESCRIPTION	VARCHAR2 (200)	Y
REASON_TO_RETIRED	VARCHAR2 (1000)	Y
IS_STUDY_ACCESSION_NUMBER	CHAR (1)	Y
CREATION_DATE	DATE	Y
CREATED_BY	VARCHAR2 (50)	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
STUDY_COUNT	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TOX21_STUDY

Entity Name: TOX21_STUDY

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (50)	Y
STUDY_TITLE	VARCHAR2 (300)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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TRANSFORMATION

Entity Name: TRANSFORMATION
Entity Type: Dependent
Primary Keys: TRANSFORMATION_ID

Attributes

Column Name	Data Type	Nullable
TRANSFORMATION_ID	NUMBER (38,0)	N
TRANSFORMATION_ASSAY	VARCHAR2 (30)	Y
STUDY_ID	NUMBER (38,0)	N
TRANSFORMATION_PROTOCOL_ID	NUMBER (38,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
INPUT_FILE	VARCHAR2 (500)	Y
OUT_FILE	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_12	STUDY_ID	STUDY
F_STUDY_PROTOCOL1	TRANSFORMATION_PROTOCOL_ID	STUDY_PROTOCOL
F_TRANSFORMATION_2	TRANSFORMATION_ASSAY	TRANSFORMATION_ASSAY
F_STUDY_SUBJECT_GROUP_5	STUDYSUBJECTGROUP_ID	STUDY_SUBJECT_GROUP

TRANSFORMATION_ASSAY

Entity Name: TRANSFORMATION_ASSAY
Entity Type: Independent
Primary Keys: TRANSFORMATION_ASSAY

Attributes

Column Name	Data Type	Nullable
TRANSFORMATION_ASSAY	VARCHAR2 (30)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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TRANSFORMATION_ASSAY_ASSAY

Entity Name: TRANSFORMATION_ASSAY_ASSAY
Entity Type: Dependent
Primary Keys: TRANSFORMATION_ASSAY,PROTOCOL_TYPE

Attributes

Column Name	Data Type	Nullable
TRANSFORMATION_ASSAY	VARCHAR2 (30)	N
PROTOCOL_TYPE	VARCHAR2 (100)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_PROTOCOL_TYPE_1	PROTOCOL_TYPE	PROTOCOL_TYPE
F_TRANSFORMATION_ASSAY	TRANSFORMATION_ASSAY	TRANSFORMATION_ASSAY

TRANSFORMATION_GROUP_OUTLIERS

Entity Name: TRANSFORMATION_GROUP_OUTLIERS
Entity Type: Dependent
Primary Keys: STUDYSUBJECT_ID, TRANSFORMATION_ID

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECT_ID	NUMBER (38,0)	N
TRANSFORMATION_ID	NUMBER (38,0)	N

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_SUBJECT_2	STUDYSUBJECT_ID	STUDY_SUBJECT
F_TRANSFORMATION_3	TRANSFORMATION_ID	TRANSFORMATION

TRANSFORMATION_RULES

Entity Name: TRANSFORMATION_RULES
Entity Type: Dependent
Primary Keys: TRANSFORMATION_PROTOCOL

Attributes

Column Name	Data Type	Nullable
TRANSFORMATION_PROTOCOL	VARCHAR2 (100)	N
TABLE_NAME	VARCHAR2 (50)	Y
COLUMNS_LIST	VARCHAR2 (3000)	Y
COLUMNS_TYPE_LIST	VARCHAR2 (3000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_PROTOCOL_TYPE_3	TRANSFORMATION_PROTOCOL	PROTOCOL_TYPE

TREND_ANALYSIS

Entity Name: TREND_ANALYSIS
Entity Type: Dependent
Primary Keys: TRANSFORMATION_ID

Attributes

Column Name	Data Type	Nullable
TRANSFORMATION_ID	NUMBER (38,0)	N
TOTAL_TREND	NUMBER (,)	Y
TOTAL_TREND_P	NUMBER (,)	Y
COMPLEX_TREND	NUMBER (,)	Y
COMPLEX_TREND_P	NUMBER (,)	Y
SIMPLE_TREND	NUMBER (,)	Y
SIMPLE_TREND_P	NUMBER (,)	Y
TRIAL_RESULT	VARCHAR2 (250)	Y
TRIAL_TREND	NUMBER (,)	Y
TRIAL_TREND_P	NUMBER (,)	Y
TRIAL_PCE_TREND_P	NUMBER (,)	Y
TRIAL_NCE_TREND_P	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_TRANSFORMATION_1	TRANSFORMATION_ID	TRANSFORMATION

UI_ALL_ASSAYS_1

Entity Name: UI_ALL_ASSAYS_1

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
ASSAY_1	VARCHAR2 (500)	Y
ASSAY_2	VARCHAR2 (500)	Y
ASSAY_3	VARCHAR2 (500)	Y
ASSAY_4	VARCHAR2 (500)	Y
ASSAY_5	VARCHAR2 (500)	Y
ASSAY_6	VARCHAR2 (500)	Y
ASSAY_7	VARCHAR2 (500)	Y
ASSAY_8	VARCHAR2 (500)	Y
ASSAY_9	VARCHAR2 (500)	Y
ASSAY_10	VARCHAR2 (500)	Y
ASSAY_11	VARCHAR2 (500)	Y
ASSAY_12	VARCHAR2 (500)	Y
ASSAY_13	VARCHAR2 (500)	Y
ASSAY_14	VARCHAR2 (500)	Y
ASSAY_15	VARCHAR2 (500)	Y
ASSAY_16	VARCHAR2 (500)	Y
ASSAY_17	VARCHAR2 (500)	Y
ASSAY_18	VARCHAR2 (500)	Y
ASSAY_19	VARCHAR2 (500)	Y
ASSAY_20	VARCHAR2 (500)	Y
ASSAY_21	VARCHAR2 (500)	Y
ASSAY_22	VARCHAR2 (500)	Y
ASSAY_23	VARCHAR2 (500)	Y
ASSAY_24	VARCHAR2 (500)	Y
ASSAY_25	VARCHAR2 (500)	Y
ASSAY_26	VARCHAR2 (500)	Y
ASSAY_27	VARCHAR2 (500)	Y
ASSAY_28	VARCHAR2 (500)	Y
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ASSAY_30	VARCHAR2 (500)	Y
ASSAY_31	VARCHAR2 (500)	Y
ASSAY_32	VARCHAR2 (500)	Y
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ASSAY_35	VARCHAR2 (500)	Y
ASSAY_36	VARCHAR2 (500)	Y
ASSAY_37	VARCHAR2 (500)	Y
ASSAY_38	VARCHAR2 (500)	Y
ASSAY_39	VARCHAR2 (500)	Y
ASSAY_40	VARCHAR2 (500)	Y
ASSAY_41	VARCHAR2 (500)	Y
ASSAY_42	VARCHAR2 (500)	Y
ASSAY_43	VARCHAR2 (500)	Y
ASSAY_44	VARCHAR2 (500)	Y
ASSAY_45	VARCHAR2 (500)	Y

ASSAY_46	VARCHAR2 (500)	Y
ASSAY_47	VARCHAR2 (500)	Y
ASSAY_48	VARCHAR2 (500)	Y
ASSAY_49	VARCHAR2 (500)	Y
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ASSAY_101	VARCHAR2 (500)	Y
ASSAY_102	VARCHAR2 (500)	Y
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ASSAY_401	VARCHAR2 (500)	Y
ASSAY_402	VARCHAR2 (500)	Y
ASSAY_403	VARCHAR2 (500)	Y
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ASSAY_405	VARCHAR2 (500)	Y

ASSAY_406	VARCHAR2 (500)	Y
ASSAY_407	VARCHAR2 (500)	Y
ASSAY_408	VARCHAR2 (500)	Y
ASSAY_409	VARCHAR2 (500)	Y
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ASSAY_942	VARCHAR2 (500)	Y
ASSAY_943	VARCHAR2 (500)	Y
ASSAY_944	VARCHAR2 (500)	Y
ASSAY_945	VARCHAR2 (500)	Y

ASSAY_946	VARCHAR2 (500)	Y
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ASSAY_948	VARCHAR2 (500)	Y
ASSAY_949	VARCHAR2 (500)	Y
ASSAY_950	VARCHAR2 (500)	Y
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ASSAY_955	VARCHAR2 (500)	Y
ASSAY_956	VARCHAR2 (500)	Y
ASSAY_957	VARCHAR2 (500)	Y
ASSAY_958	VARCHAR2 (500)	Y
ASSAY_959	VARCHAR2 (500)	Y
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ASSAY_962	VARCHAR2 (500)	Y
ASSAY_963	VARCHAR2 (500)	Y
ASSAY_964	VARCHAR2 (500)	Y
ASSAY_965	VARCHAR2 (500)	Y
ASSAY_966	VARCHAR2 (500)	Y
ASSAY_967	VARCHAR2 (500)	Y
ASSAY_968	VARCHAR2 (500)	Y
ASSAY_969	VARCHAR2 (500)	Y
ASSAY_970	VARCHAR2 (500)	Y
ASSAY_971	VARCHAR2 (500)	Y
ASSAY_972	VARCHAR2 (500)	Y
ASSAY_973	VARCHAR2 (500)	Y
ASSAY_974	VARCHAR2 (500)	Y
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ASSAY_979	VARCHAR2 (500)	Y
ASSAY_980	VARCHAR2 (500)	Y
ASSAY_981	VARCHAR2 (500)	Y
ASSAY_982	VARCHAR2 (500)	Y
ASSAY_983	VARCHAR2 (500)	Y
ASSAY_984	VARCHAR2 (500)	Y
ASSAY_985	VARCHAR2 (500)	Y
ASSAY_986	VARCHAR2 (500)	Y
ASSAY_987	VARCHAR2 (500)	Y
ASSAY_988	VARCHAR2 (500)	Y
ASSAY_989	VARCHAR2 (500)	Y
ASSAY_990	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_ASSAYS_2

Entity Name: UI_ALL_ASSAYS_2

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
ASSAY_991	VARCHAR2 (500)	Y
ASSAY_992	VARCHAR2 (500)	Y
ASSAY_993	VARCHAR2 (500)	Y
ASSAY_994	VARCHAR2 (500)	Y
ASSAY_995	VARCHAR2 (500)	Y
ASSAY_996	VARCHAR2 (500)	Y
ASSAY_997	VARCHAR2 (500)	Y
ASSAY_998	VARCHAR2 (500)	Y
ASSAY_999	VARCHAR2 (500)	Y
ASSAY_1000	VARCHAR2 (500)	Y
ASSAY_1001	VARCHAR2 (500)	Y
ASSAY_1002	VARCHAR2 (500)	Y
ASSAY_1003	VARCHAR2 (500)	Y
ASSAY_1004	VARCHAR2 (500)	Y
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ASSAY_1008	VARCHAR2 (500)	Y
ASSAY_1009	VARCHAR2 (500)	Y
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ASSAY_1012	VARCHAR2 (500)	Y
ASSAY_1013	VARCHAR2 (500)	Y
ASSAY_1014	VARCHAR2 (500)	Y
ASSAY_1015	VARCHAR2 (500)	Y
ASSAY_1016	VARCHAR2 (500)	Y
ASSAY_1017	VARCHAR2 (500)	Y
ASSAY_1018	VARCHAR2 (500)	Y
ASSAY_1019	VARCHAR2 (500)	Y
ASSAY_1020	VARCHAR2 (500)	Y
ASSAY_1021	VARCHAR2 (500)	Y
ASSAY_1022	VARCHAR2 (500)	Y
ASSAY_1023	VARCHAR2 (500)	Y
ASSAY_1024	VARCHAR2 (500)	Y
ASSAY_1025	VARCHAR2 (500)	Y
ASSAY_1026	VARCHAR2 (500)	Y
ASSAY_1027	VARCHAR2 (500)	Y
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ASSAY_1079	VARCHAR2 (500)	Y
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ASSAY_1094	VARCHAR2 (500)	Y
ASSAY_1095	VARCHAR2 (500)	Y

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ASSAY_1123	VARCHAR2 (500)	Y
ASSAY_1124	VARCHAR2 (500)	Y
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ASSAY_1895	VARCHAR2 (500)	Y
ASSAY_1896	VARCHAR2 (500)	Y
ASSAY_1897	VARCHAR2 (500)	Y
ASSAY_1898	VARCHAR2 (500)	Y
ASSAY_1899	VARCHAR2 (500)	Y
ASSAY_1900	VARCHAR2 (500)	Y
ASSAY_1901	VARCHAR2 (500)	Y
ASSAY_1902	VARCHAR2 (500)	Y
ASSAY_1903	VARCHAR2 (500)	Y
ASSAY_1904	VARCHAR2 (500)	Y
ASSAY_1905	VARCHAR2 (500)	Y
ASSAY_1906	VARCHAR2 (500)	Y
ASSAY_1907	VARCHAR2 (500)	Y
ASSAY_1908	VARCHAR2 (500)	Y
ASSAY_1909	VARCHAR2 (500)	Y
ASSAY_1910	VARCHAR2 (500)	Y
ASSAY_1911	VARCHAR2 (500)	Y
ASSAY_1912	VARCHAR2 (500)	Y
ASSAY_1913	VARCHAR2 (500)	Y
ASSAY_1914	VARCHAR2 (500)	Y
ASSAY_1915	VARCHAR2 (500)	Y
ASSAY_1916	VARCHAR2 (500)	Y
ASSAY_1917	VARCHAR2 (500)	Y
ASSAY_1918	VARCHAR2 (500)	Y
ASSAY_1919	VARCHAR2 (500)	Y
ASSAY_1920	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_ATTRS

Entity Name: UI_ALL_ATTRS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDY_1	VARCHAR2 (1000)	Y
STUDY_2	VARCHAR2 (1000)	Y
STUDY_3	VARCHAR2 (1000)	Y
STUDY_4	VARCHAR2 (1000)	Y
STUDY_5	VARCHAR2 (1000)	Y
STUDY_6	VARCHAR2 (1000)	Y
STUDY_7	VARCHAR2 (1000)	Y
STUDY_8	VARCHAR2 (1000)	Y
STUDY_9	VARCHAR2 (1000)	Y
STUDY_10	VARCHAR2 (1000)	Y
STUDY_11	VARCHAR2 (1000)	Y
STUDY_12	VARCHAR2 (1000)	Y
STUDY_13	VARCHAR2 (1000)	Y
STUDY_14	VARCHAR2 (1000)	Y
STUDY_15	VARCHAR2 (1000)	Y
STUDY_16	VARCHAR2 (1000)	Y
STUDY_17	VARCHAR2 (1000)	Y
STUDY_18	VARCHAR2 (1000)	Y
STUDY_19	VARCHAR2 (1000)	Y
STUDY_20	VARCHAR2 (1000)	Y
STUDY_21	VARCHAR2 (1000)	Y
STUDY_22	VARCHAR2 (1000)	Y
STUDY_23	VARCHAR2 (1000)	Y
STUDY_24	VARCHAR2 (1000)	Y
STUDY_25	VARCHAR2 (1000)	Y
STUDY_26	VARCHAR2 (1000)	Y
STUDY_27	VARCHAR2 (1000)	Y
PARTICIPANT_1	VARCHAR2 (1000)	Y
PARTICIPANT_2	VARCHAR2 (1000)	Y
PARTICIPANT_3	VARCHAR2 (1000)	Y
PARTICIPANT_4	VARCHAR2 (1000)	Y
PARTICIPANT_5	VARCHAR2 (1000)	Y
PARTICIPANT_6	VARCHAR2 (1000)	Y
PARTICIPANT_7	VARCHAR2 (1000)	Y
PARTICIPANT_8	VARCHAR2 (1000)	Y
PARTICIPANT_9	VARCHAR2 (1000)	Y
PARTICIPANT_10	VARCHAR2 (1000)	Y
PARTICIPANT_11	VARCHAR2 (1000)	Y
PARTICIPANT_12	VARCHAR2 (1000)	Y
PARTICIPANT_13	VARCHAR2 (1000)	Y
PARTICIPANT_14	VARCHAR2 (1000)	Y
PARTICIPANT_15	VARCHAR2 (1000)	Y
PARTICIPANT_16	VARCHAR2 (1000)	Y
PARTICIPANT_17	VARCHAR2 (1000)	Y
PARTICIPANT_18	VARCHAR2 (1000)	Y

PARTICIPANT_19	VARCHAR2 (1000)	Y
PARTICIPANT_20	VARCHAR2 (1000)	Y
PARTICIPANT_21	VARCHAR2 (1000)	Y
PARTICIPANT_22	VARCHAR2 (1000)	Y
PARTICIPANT_23	VARCHAR2 (1000)	Y
PARTICIPANT_24	VARCHAR2 (1000)	Y
PARTICIPANT_25	VARCHAR2 (1000)	Y
PARTICIPANT_26	VARCHAR2 (1000)	Y
PARTICIPANT_27	VARCHAR2 (1000)	Y
PARTICIPANT_28	VARCHAR2 (1000)	Y
PARTICIPANT_29	VARCHAR2 (1000)	Y
PARTICIPANT_30	VARCHAR2 (1000)	Y
PARTICIPANT_31	VARCHAR2 (1000)	Y
PARTICIPANT_32	VARCHAR2 (1000)	Y
PARTICIPANT_33	VARCHAR2 (1000)	Y
PARTICIPANT_34	VARCHAR2 (1000)	Y
PARTICIPANT_35	VARCHAR2 (1000)	Y
PARTICIPANT_36	VARCHAR2 (1000)	Y
PARTICIPANT_37	VARCHAR2 (1000)	Y
PARTICIPANT_38	VARCHAR2 (1000)	Y
PARTICIPANT_39	VARCHAR2 (1000)	Y
PARTICIPANT_40	VARCHAR2 (1000)	Y
PARTICIPANT_41	VARCHAR2 (1000)	Y
PARTICIPANT_42	VARCHAR2 (1000)	Y
PARTICIPANT_43	VARCHAR2 (1000)	Y
PARTICIPANT_44	VARCHAR2 (1000)	Y
PARTICIPANT_45	VARCHAR2 (1000)	Y
PARTICIPANT_46	VARCHAR2 (1000)	Y
PARTICIPANT_47	VARCHAR2 (1000)	Y
PARTICIPANT_48	VARCHAR2 (1000)	Y
PARTICIPANT_49	VARCHAR2 (1000)	Y
PARTICIPANT_50	VARCHAR2 (1000)	Y
PARTICIPANT_51	VARCHAR2 (1000)	Y
PARTICIPANT_52	VARCHAR2 (1000)	Y
PARTICIPANT_53	VARCHAR2 (1000)	Y
PROTOCOL_1	VARCHAR2 (500)	Y
PROTOCOL_2	VARCHAR2 (500)	Y
PROTOCOL_3	VARCHAR2 (500)	Y
PROTOCOL_4	VARCHAR2 (500)	Y
PROTOCOL_5	VARCHAR2 (500)	Y
PROTOCOL_6	VARCHAR2 (500)	Y
PROTOCOL_7	VARCHAR2 (500)	Y
PROTOCOL_8	VARCHAR2 (500)	Y
PROTOCOL_9	VARCHAR2 (500)	Y
PROTOCOL_10	VARCHAR2 (500)	Y
PROTOCOL_11	VARCHAR2 (500)	Y
PROTOCOL_12	VARCHAR2 (500)	Y
PROTOCOL_13	VARCHAR2 (500)	Y
PROTOCOL_14	VARCHAR2 (500)	Y
PROTOCOL_15	VARCHAR2 (500)	Y
PROTOCOL_16	VARCHAR2 (500)	Y
PROTOCOL_17	VARCHAR2 (500)	Y
PROTOCOL_18	VARCHAR2 (500)	Y
PROTOCOL_19	VARCHAR2 (500)	Y
PROTOCOL_20	VARCHAR2 (500)	Y
PROTOCOL_21	VARCHAR2 (500)	Y
PROTOCOL_22	VARCHAR2 (500)	Y
PROTOCOL_23	VARCHAR2 (500)	Y
PROTOCOL_24	VARCHAR2 (500)	Y
PROTOCOL_25	VARCHAR2 (500)	Y

PROTOCOL_26	VARCHAR2 (500)	Y
PROTOCOL_27	VARCHAR2 (500)	Y
PROTOCOL_28	VARCHAR2 (500)	Y
PROTOCOL_29	VARCHAR2 (500)	Y
PROTOCOL_30	VARCHAR2 (500)	Y
PROTOCOL_31	VARCHAR2 (500)	Y
PROTOCOL_32	VARCHAR2 (500)	Y
PROTOCOL_33	VARCHAR2 (500)	Y
PROTOCOL_34	VARCHAR2 (500)	Y
PROTOCOL_35	VARCHAR2 (500)	Y
PROTOCOL_36	VARCHAR2 (500)	Y
PROTOCOL_37	VARCHAR2 (500)	Y
PROTOCOL_38	VARCHAR2 (500)	Y
PROTOCOL_39	VARCHAR2 (500)	Y
PROTOCOL_40	VARCHAR2 (500)	Y
PROTOCOL_41	VARCHAR2 (500)	Y
PROTOCOL_42	VARCHAR2 (500)	Y
PROTOCOL_43	VARCHAR2 (500)	Y
PROTOCOL_44	VARCHAR2 (500)	Y
PROTOCOL_45	VARCHAR2 (500)	Y
PROTOCOL_46	VARCHAR2 (500)	Y
PROTOCOL_47	VARCHAR2 (500)	Y
PROTOCOL_48	VARCHAR2 (500)	Y
PROTOCOL_49	VARCHAR2 (500)	Y
PROTOCOL_50	VARCHAR2 (500)	Y
PROTOCOL_51	VARCHAR2 (500)	Y
PROTOCOL_52	VARCHAR2 (500)	Y
PROTOCOL_53	VARCHAR2 (500)	Y
PROTOCOL_54	VARCHAR2 (500)	Y
PROTOCOL_55	VARCHAR2 (500)	Y
PROTOCOL_56	VARCHAR2 (500)	Y
PROTOCOL_57	VARCHAR2 (500)	Y
PROTOCOL_58	VARCHAR2 (500)	Y
PROTOCOL_59	VARCHAR2 (500)	Y
PROTOCOL_60	VARCHAR2 (500)	Y
PROTOCOL_61	VARCHAR2 (500)	Y
PROTOCOL_62	VARCHAR2 (500)	Y
PROTOCOL_63	VARCHAR2 (500)	Y
PROTOCOL_64	VARCHAR2 (500)	Y
PROTOCOL_65	VARCHAR2 (500)	Y
PROTOCOL_66	VARCHAR2 (500)	Y
PROTOCOL_67	VARCHAR2 (500)	Y
PROTOCOL_68	VARCHAR2 (500)	Y
PROTOCOL_69	VARCHAR2 (500)	Y
PROTOCOL_70	VARCHAR2 (500)	Y
PROTOCOL_71	VARCHAR2 (500)	Y
PROTOCOL_72	VARCHAR2 (500)	Y
PROTOCOL_73	VARCHAR2 (500)	Y
PROTOCOL_74	VARCHAR2 (500)	Y
PROTOCOL_75	VARCHAR2 (500)	Y
PROTOCOL_76	VARCHAR2 (500)	Y
PROTOCOL_77	VARCHAR2 (500)	Y
PROTOCOL_78	VARCHAR2 (500)	Y
PROTOCOL_79	VARCHAR2 (500)	Y
PROTOCOL_80	VARCHAR2 (500)	Y
PROTOCOL_81	VARCHAR2 (500)	Y
PROTOCOL_82	VARCHAR2 (500)	Y
PROTOCOL_83	VARCHAR2 (500)	Y
PROTOCOL_84	VARCHAR2 (500)	Y
PROTOCOL_85	VARCHAR2 (500)	Y

PROTOCOL_86	VARCHAR2 (500)	Y
PROTOCOL_87	VARCHAR2 (500)	Y
PROTOCOL_88	VARCHAR2 (500)	Y
PROTOCOL_89	VARCHAR2 (500)	Y
PROTOCOL_90	VARCHAR2 (500)	Y
PROTOCOL_91	VARCHAR2 (500)	Y
PROTOCOL_92	VARCHAR2 (500)	Y
PROTOCOL_93	VARCHAR2 (500)	Y
PROTOCOL_94	VARCHAR2 (500)	Y
PROTOCOL_95	VARCHAR2 (500)	Y
PROTOCOL_96	VARCHAR2 (500)	Y
PROTOCOL_97	VARCHAR2 (500)	Y
PROTOCOL_98	VARCHAR2 (500)	Y
PROTOCOL_99	VARCHAR2 (500)	Y
PROTOCOL_100	VARCHAR2 (500)	Y
PROTOCOL_101	VARCHAR2 (500)	Y
PROTOCOL_102	VARCHAR2 (500)	Y
PROTOCOL_103	VARCHAR2 (500)	Y
PROTOCOL_104	VARCHAR2 (500)	Y
PROTOCOL_105	VARCHAR2 (500)	Y
PROTOCOL_106	VARCHAR2 (500)	Y
PROTOCOL_107	VARCHAR2 (500)	Y
PROTOCOL_108	VARCHAR2 (500)	Y
PROTOCOL_109	VARCHAR2 (500)	Y
PROTOCOL_110	VARCHAR2 (500)	Y
PROTOCOL_111	VARCHAR2 (500)	Y
PROTOCOL_112	VARCHAR2 (500)	Y
PROTOCOL_113	VARCHAR2 (500)	Y
PROTOCOL_114	VARCHAR2 (500)	Y
PROTOCOL_115	VARCHAR2 (500)	Y
PROTOCOL_116	VARCHAR2 (500)	Y
PROTOCOL_117	VARCHAR2 (500)	Y
PROTOCOL_118	VARCHAR2 (500)	Y
PROTOCOL_119	VARCHAR2 (500)	Y
PROTOCOL_120	VARCHAR2 (500)	Y
PROTOCOL_121	VARCHAR2 (500)	Y
PROTOCOL_122	VARCHAR2 (500)	Y
PROTOCOL_123	VARCHAR2 (500)	Y
PROTOCOL_124	VARCHAR2 (500)	Y
PROTOCOL_125	VARCHAR2 (500)	Y
PROTOCOL_126	VARCHAR2 (500)	Y
PROTOCOL_127	VARCHAR2 (500)	Y
PROTOCOL_128	VARCHAR2 (500)	Y
PROTOCOL_129	VARCHAR2 (500)	Y
PROTOCOL_130	VARCHAR2 (500)	Y
PROTOCOL_131	VARCHAR2 (500)	Y
PROTOCOL_132	VARCHAR2 (500)	Y
PROTOCOL_133	VARCHAR2 (500)	Y
PROTOCOL_134	VARCHAR2 (500)	Y
PROTOCOL_135	VARCHAR2 (500)	Y
PROTOCOL_136	VARCHAR2 (500)	Y
PROTOCOL_137	VARCHAR2 (500)	Y
PROTOCOL_138	VARCHAR2 (500)	Y
PROTOCOL_139	VARCHAR2 (500)	Y
PROTOCOL_140	VARCHAR2 (500)	Y
PROTOCOL_141	VARCHAR2 (500)	Y
PROTOCOL_142	VARCHAR2 (500)	Y
PROTOCOL_143	VARCHAR2 (500)	Y
PROTOCOL_144	VARCHAR2 (500)	Y
PROTOCOL_145	VARCHAR2 (500)	Y

PROTOCOL_146	VARCHAR2 (500)	Y
PROTOCOL_147	VARCHAR2 (500)	Y
PROTOCOL_148	VARCHAR2 (500)	Y
PROTOCOL_149	VARCHAR2 (500)	Y
PROTOCOL_150	VARCHAR2 (500)	Y
PROTOCOL_151	VARCHAR2 (500)	Y
PROTOCOL_152	VARCHAR2 (500)	Y
PROTOCOL_153	VARCHAR2 (500)	Y
PROTOCOL_154	VARCHAR2 (500)	Y
PROTOCOL_155	VARCHAR2 (500)	Y
PROTOCOL_156	VARCHAR2 (500)	Y
PROTOCOL_157	VARCHAR2 (500)	Y
PROTOCOL_158	VARCHAR2 (500)	Y
PROTOCOL_159	VARCHAR2 (500)	Y
PROTOCOL_160	VARCHAR2 (500)	Y
PROTOCOL_161	VARCHAR2 (500)	Y
PROTOCOL_162	VARCHAR2 (500)	Y
STRESSOR_1	VARCHAR2 (2000)	Y
STRESSOR_2	VARCHAR2 (2000)	Y
STRESSOR_3	VARCHAR2 (2000)	Y
STRESSOR_4	VARCHAR2 (2000)	Y
STRESSOR_5	VARCHAR2 (2000)	Y
STRESSOR_6	VARCHAR2 (2000)	Y
STRESSOR_7	VARCHAR2 (2000)	Y
STRESSOR_8	VARCHAR2 (2000)	Y
STRESSOR_9	VARCHAR2 (2000)	Y
STRESSOR_10	VARCHAR2 (2000)	Y
STRESSOR_11	VARCHAR2 (2000)	Y
STRESSOR_12	VARCHAR2 (2000)	Y
STRESSOR_13	VARCHAR2 (2000)	Y
STRESSOR_14	VARCHAR2 (2000)	Y
STRESSOR_15	VARCHAR2 (2000)	Y
STRESSOR_16	VARCHAR2 (2000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO

Entity Name: UI_ALL_HISTO

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
STUDY_TITLE	VARCHAR2 (300)	Y
START_YEAR	NUMBER (,)	Y
NTP_DB_SOURCE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
STUDY_NUMBER	VARCHAR2 (1000)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
GROUP_DISPLAY_NAME	VARCHAR2 (150)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
SUBJECT_DISPLAY_NAME	VARCHAR2 (150)	Y
SUBJECT_DEPOSITOR_NAME	VARCHAR2 (1000)	Y
UI_DIAGNOSIS	VARCHAR2 (1000)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
ORGAN	VARCHAR2 (100)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
BODY_SYSTEM	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (50)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
SEVERITY	VARCHAR2 (50)	Y
DEGEN_QUAL	VARCHAR2 (50)	Y
NO_OF_INSTANCES	VARCHAR2 (50)	Y
GROWTH_PATTERN	VARCHAR2 (50)	Y
DIAGNOSIS_DURATION	VARCHAR2 (50)	Y
EXUDATE	VARCHAR2 (50)	Y
INFILTRATING_CELLS	VARCHAR2 (50)	Y
COLOR	VARCHAR2 (50)	Y
OTHER	VARCHAR2 (50)	Y
IS_NEOPLASTIC	CHAR (1)	Y
IS_METASTATIC	CHAR (1)	Y
IS_SYSTEMIC	CHAR (1)	Y
IS_MALIGNANT	CHAR (1)	Y
ORGANIZATION	VARCHAR2 (15)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_LOOKUP

Entity Name: UI_ALL_HISTO_LOOKUP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (50)	Y
NTP_DB_SOURCE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
STUDY_NUMBER	VARCHAR2 (1000)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
UI_DIAGNOSIS	VARCHAR2 (1000)	Y
ORGAN	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
SEVERITY	VARCHAR2 (50)	Y
IS_NEOPLASTIC	CHAR (1)	Y
ORGANIZATION	VARCHAR2 (15)	Y
START_YEAR	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_NTP

Entity Name: UI_ALL_HISTO_NTP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
UI_DIAGNOSIS	VARCHAR2 (1000)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (50)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
SEVERITY	VARCHAR2 (559)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
BODY_SYSTEM	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
ORGANIZATION	VARCHAR2 (15)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
NTP_DB_SOURCE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
DEPOSITOR_STUDY_NUMBER	VARCHAR2 (1000)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
START_YEAR	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_NTP_LOOKUP

Entity Name: UI_ALL_HISTO_NTP_LOOKUP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
UI_DIAGNOSIS	VARCHAR2 (1000)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DISTRIBUTION	VARCHAR2 (50)	Y
SEVERITY	VARCHAR2 (559)	Y
IS_NEOPLASTIC	CHAR (1)	Y
ORGANIZATION	VARCHAR2 (15)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
NTP_DB_SOURCE	VARCHAR2 (1000)	Y
NTP_TDMS_NUMBER	VARCHAR2 (1000)	Y
DEPOSITOR_STUDY_NUMBER	VARCHAR2 (1000)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
START_YEAR	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_NTP_SUMMARY

Entity Name: UI_ALL_HISTO_NTP_SUMMARY

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
MEGAP8_ID	NUMBER (9,0)	Y
ORGAN	VARCHAR2 (100)	N
SITE	VARCHAR2 (50)	Y
MORPH	VARCHAR2 (200)	Y
SPECIES	VARCHAR2 (5)	Y
STRAIN	VARCHAR2 (30)	Y
TDMSNO	VARCHAR2 (7)	N
DOSE_ROUTE	VARCHAR2 (30)	N
SEX	VARCHAR2 (6)	Y
POLY3PVALUE	VARCHAR2 (10)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
ISPOOL	CHAR (1)	Y
CHEM_NAME	VARCHAR2 (255)	N
CAS_NUM	VARCHAR2 (30)	N
TR_NO	VARCHAR2 (10)	Y
RPT_STATUS	VARCHAR2 (20)	Y
LAB	VARCHAR2 (100)	N
DIET	VARCHAR2 (20)	Y
VEHICLE	VARCHAR2 (50)	Y
NTPCALL	VARCHAR2 (4)	Y
START_DATE	VARCHAR2 (10)	Y
DOSEINDEX	NUMBER (38,0)	N
DOSEVALUE	FLOAT	Y
DOSEDESC	VARCHAR2 (30)	Y
NUMTUMORS	NUMBER (38,0)	Y
ATRISK	NUMBER (38,0)	Y
POLY3ATRISK	FLOAT	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_NTP_SUMMARYLOOKUP

Entity Name: UI_ALL_HISTO_NTP_SUMMARYLOOKUP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
ORGAN	VARCHAR2 (100)	N
SITE	VARCHAR2 (50)	Y
MORPH	VARCHAR2 (200)	Y
SPECIES	VARCHAR2 (5)	Y
STRAIN	VARCHAR2 (30)	Y
TDMSNO	VARCHAR2 (7)	N
DOSE_ROUTE	VARCHAR2 (30)	N
SEX	VARCHAR2 (6)	Y
POLY3PVALUE	VARCHAR2 (10)	Y
POLY3PVALUE_NUMBER	NUMBER (,)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
NTP_TOXICOLOGY_TYPE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_SUMMARY

Entity Name: UI_ALL_HISTO_SUMMARY

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
MEGAP8_ID	NUMBER (9,0)	Y
ORGAN	VARCHAR2 (100)	N
SITE	VARCHAR2 (50)	Y
ISTARGET	CHAR (1)	Y
MORPH	VARCHAR2 (200)	Y
ISPOOL	CHAR (1)	Y
SPECIES	VARCHAR2 (20)	Y
STRAIN	VARCHAR2 (30)	Y
TDMSNO	VARCHAR2 (1000)	Y
STUDY_NUMBER	VARCHAR2 (1000)	Y
CHEM_NAME	VARCHAR2 (255)	N
CAS_NUM	VARCHAR2 (30)	N
TR_NO	VARCHAR2 (10)	Y
RPT_STATUS	VARCHAR2 (20)	Y
LAB	VARCHAR2 (100)	N
DIET	VARCHAR2 (20)	Y
DOSE_ROUTE	VARCHAR2 (30)	N
VEHICLE	VARCHAR2 (50)	Y
SEX	CHAR (1)	Y
NTPCALL	VARCHAR2 (4)	Y
START_YEAR	VARCHAR2 (16)	Y
DOSEINDEX	NUMBER (38,0)	N
DOSEVALUE	FLOAT	Y
DOSEDESC	VARCHAR2 (30)	Y
NUMTUMORS	NUMBER (38,0)	Y
ATRISK	NUMBER (38,0)	Y
POLY3ATRISK	FLOAT	Y
POLY3PVALUE	VARCHAR2 (10)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_HISTO_SUMMARY_LOOKUP

Entity Name: UI_ALL_HISTO_SUMMARY_LOOKUP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
ORGAN	VARCHAR2 (100)	N
SITE	VARCHAR2 (50)	Y
MORPH	VARCHAR2 (200)	Y
SPECIES	VARCHAR2 (20)	Y
STRAIN	VARCHAR2 (30)	Y
TDMSNO	VARCHAR2 (1000)	Y
STUDY_NUMBER	VARCHAR2 (1000)	Y
DOSE_ROUTE	VARCHAR2 (30)	N
SEX	CHAR (1)	Y
POLY3PVALUE	VARCHAR2 (10)	Y
ACCESSION_NUMBER	VARCHAR2 (50)	Y
START_YEAR	VARCHAR2 (16)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_MICROARRAY

Entity Name: UI_ALL_MICROARRAY
Entity Type: Independent
Primary Keys: STUDY_ID,MICROARRAY_TYPE,EXTRACTLABELED_ID,STUDYASSAYINPUT_ID,EXTRACT_ID,HYB_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
HYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
EXTRACT_ID	NUMBER (38,0)	N
EXTRACTLABELED_ID	NUMBER (38,0)	N
STUDYASSAYINPUT_ID	NUMBER (38,0)	N
PROBES	CLOB	Y
LOG10_INTENSITY	CLOB	Y
LOG10_RATIO	CLOB	Y
IS_DATA_AVAILABLE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_PARTICIPANTS

Entity Name: UI_ALL_PARTICIPANTS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ALL_PARTICIPANTS_OLD

Entity Name: UI_ALL_PARTICIPANTS_OLD

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ASSAYS_LOOKUP

Entity Name: UI_ASSAYS_LOOKUP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
IS_NUMERIC	CHAR (1)	Y
DATA_TYPE	CHAR (8)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_ASSAYS_NAMES

Entity Name: UI_ASSAYS_NAMES

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
TEST_NAME		VARCHAR2 (100)	N
TEST_NAME_ABBR		VARCHAR2 (10)	Y
COL_ID		VARCHAR2 (46)	Y
ASSAY_NUMBER		NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_DATAMATRIX

Entity Name: UI_DATAMATRIX
Entity Type: Independent
Primary Keys: DATAMATRIX_ID

Attributes

Column Name	Data Type	Nullable
DATAMATRIX_ID	NUMBER (,0)	N
FILE_NAME	VARCHAR2 (1000)	Y
SUBJECT_PLACEMENT	VARCHAR2 (30)	Y
LOG_OPTION	VARCHAR2 (20)	Y
MICROARRAY_TYPE	VARCHAR2 (2000)	Y
MICROARRAY_COLUMN	VARCHAR2 (20)	Y
FLUORFLIP_OPTION	VARCHAR2 (20)	Y
SELECTED_ASSAYS	VARCHAR2 (2000)	Y
SELECTED_CHARACTERISTICS	VARCHAR2 (2000)	Y
CHAR_PLACEMENT	VARCHAR2 (10)	Y
STUDY_IDS	CLOB	Y
GROUP_IDS	CLOB	Y
SUBJECT_IDS	CLOB	Y
STATUS	VARCHAR2 (10)	Y
ERROR_MSG	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_DATAMATRIX_PROGRESS

Entity Name: UI_DATAMATRIX_PROGRESS

Entity Type: Independent

Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	ID	VARCHAR2 (35)	N
	WORKSPACE_ITEMS	CLOB	Y
	SUBJECT_PLACEMENT	VARCHAR2 (25)	Y
	MICROARRAY_TYPE	VARCHAR2 (100)	Y
	MICROARRAY_COLUMN	VARCHAR2 (20)	Y
	FLUORFLIP_OPTION	VARCHAR2 (25)	Y
	SELECTED_ASSAYS	VARCHAR2 (4000)	Y
	SELECTED_CHARS	VARCHAR2 (4000)	Y
	CHARS_PLACEMENT	VARCHAR2 (15)	Y
	CREATED_ON	TIMESTAMP(6)	Y
	HISTO_DATA	CHAR (1)	Y
	IDS	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_DOWNLOADABLE_ATTRS

Entity Name: UI_DOWNLOADABLE_ATTRS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DATA_TYPE		VARCHAR2 (11)	Y
ATTR		VARCHAR2 (100)	Y
COL_ID		VARCHAR2 (52)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_DP_ROD_CYTO_CA

Entity Name: UI_DP_ROD_CYTO_CA

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
ACCESSION_NUMBER	VARCHAR2 (50)	Y
GROUP_ID	NUMBER (38,0)	N
TRIAL_GROUP_ID	NUMBER (38,0)	N
DOSE_FREQUENCY	VARCHAR2 (500)	Y
ROUTE	VARCHAR2 (500)	Y
SEX	VARCHAR2 (1000)	Y
SPECIES	VARCHAR2 (1000)	Y
ORGAN_NAME	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
SAMPLE_TIME	VARCHAR2 (1000)	Y
DOSE_DURATION	VARCHAR2 (1000)	Y
DOSE_DURATION_UNIT	VARCHAR2 (1000)	Y
TRIAL_PVALUE	VARCHAR2 (1000)	Y
START_DATE	VARCHAR2 (1000)	Y
ORGAN	VARCHAR2 (1000)	Y
TREATMENT_GROUP_TYPE	VARCHAR2 (1000)	Y
COMPOUND	VARCHAR2 (1000)	Y
DOSE	VARCHAR2 (1000)	Y
DOSE_UNIT	VARCHAR2 (1000)	Y
ANIMAL_NUMBER	VARCHAR2 (1000)	Y
NUMBER_CELLS	VARCHAR2 (500)	Y
CH_BREAK	VARCHAR2 (500)	Y
CH_GAP	VARCHAR2 (500)	Y
ISO_BREAK	VARCHAR2 (500)	Y
ISO_GAP	VARCHAR2 (500)	Y
EX_TID_NUMBER	VARCHAR2 (500)	Y
EX_SOME_NUMBER	VARCHAR2 (500)	Y
EX_OTHER_NUMBER	VARCHAR2 (500)	Y
TOTAL_ABBR	VARCHAR2 (500)	Y
CELL_GAP_PLUS	VARCHAR2 (500)	Y
CELL_GAP_MINUS	VARCHAR2 (500)	Y
PCT_GAP_PLUS	VARCHAR2 (500)	Y
PCT_GAP_MINUS	VARCHAR2 (500)	Y
CH_BREAK_MEAN	VARCHAR2 (50)	Y
CH_GAP_MEAN	VARCHAR2 (50)	Y
ISO_BREAK_MEAN	VARCHAR2 (50)	Y
ISO_GAP_MEAN	VARCHAR2 (50)	Y
EX_TID_NUMBER_MEAN	VARCHAR2 (50)	Y
EX_SOME_NUMBER_MEAN	VARCHAR2 (50)	Y
EX_OTHER_NUMBER_MEAN	VARCHAR2 (50)	Y
TOTAL_ABBR_MEAN	VARCHAR2 (50)	Y
CELL_GAP_PLUS_MEAN	VARCHAR2 (50)	Y
CELL_GAP_PLUS_SEM	VARCHAR2 (50)	Y
CELL_GAP_MINUS_MEAN	VARCHAR2 (50)	Y
CELL_GAP_MINUS_SEM	VARCHAR2 (50)	Y
PCT_GAP_PLUS_MEAN	VARCHAR2 (50)	Y
PCT_GAP_PLUS_SEM	VARCHAR2 (50)	Y

PCT_GAP_MINUS_MEAN	VARCHAR2 (50)	Y
PCT_GAP_MINUS_SEM	VARCHAR2 (50)	Y
PCT_GAP_MINUS_PVALUE	VARCHAR2 (50)	Y
ANIMALS_EXAMINED	VARCHAR2 (500)	Y
TRIAL_RESULT	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_GT_BACTERIAL_MUTAGENICITY

Entity Name: UI_GT_BACTERIAL_MUTAGENICITY
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y
START_YEAR	VARCHAR2 (1000)	Y
ASSAY_TRIAL	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
MICROSOMAL_ACTIVATION_SPECIES	VARCHAR2 (1000)	Y
MICROSOMAL_ACTIVATION_USED	VARCHAR2 (1000)	Y
TRIAL_RESULT	VARCHAR2 (1000)	Y
PROTOCOL_TYPE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_HISTO_CV

Entity Name: UI_HISTO_CV
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
UI_DIAGNOSIS		VARCHAR2 (1000)	Y
ORGAN		VARCHAR2 (100)	Y
ORGAN_PART		VARCHAR2 (100)	Y
SUB_TOPOGRAPHY		VARCHAR2 (100)	Y
CELLS		VARCHAR2 (50)	Y
DISTRIBUTION		VARCHAR2 (50)	Y
SEVERITY		VARCHAR2 (559)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_MAX_TOLERATED_DOSE

Entity Name: UI_MAX_TOLERATED_DOSE

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (50)	Y
CHEMICAL_NAME	VARCHAR2 (200)	Y
BW_MEAN	NUMBER (38,0)	Y
DOSE	VARCHAR2 (20)	Y
DOSE_UNIT	VARCHAR2 (20)	Y
GROUP_NAME	VARCHAR2 (60)	Y
IS_TOLERATED_DOSE	VARCHAR2 (7)	Y
PVALUE	VARCHAR2 (20)	Y
ROUTE	VARCHAR2 (50)	Y
SEX	VARCHAR2 (10)	Y
SPECIES	VARCHAR2 (50)	Y
STRAIN	VARCHAR2 (50)	Y
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	Y
TRT	VARCHAR2 (25)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_MICROARRAY_MAP

Entity Name: UI_MICROARRAY_MAP
Entity Type: Independent
Primary Keys: STUDY_ID,EXTRACTLABELED_ID,STUDYASSAYINPUT_ID,EXTRACT_ID,MICROARRAYHYB_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (,0)	Y
STUDYSUBJECT_ID	NUMBER (,0)	Y
STUDYASSAYINPUT_ID	NUMBER (,0)	N
STUDYPROTOCOL_ID	NUMBER (,0)	Y
EXTRACT_ID	NUMBER (,0)	N
EXTRACTLABELED_ID	NUMBER (,0)	N
MICROARRAYHYB_ID	NUMBER (,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_MICROARRAY_MAP_ALL

Entity Name: UI_MICROARRAY_MAP_ALL

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (,0)	Y
STUDYSUBJECT_ID	NUMBER (,0)	Y
STUDYASSAYINPUT_ID	NUMBER (,0)	N
STUDYPROTOCOL_ID	NUMBER (,0)	Y
EXTRACT_ID	NUMBER (,0)	N
EXTRACTLABELED_ID	NUMBER (,0)	N
MICROARRAYHYB_ID	NUMBER (,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_NTP_CONTROLS_HISTO

Entity Name: UI_NTP_CONTROLS_HISTO

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYASSAYINPUT_ID	NUMBER (38,0)	Y
START_DATE	VARCHAR2 (1000)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
QUALIFIER	VARCHAR2 (100)	Y
QUALIFIER_VALUE	VARCHAR2 (100)	Y
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
DATA_DOMAIN_DEPOSITOR	VARCHAR2 (50)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
SUMMARY_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
SUMMARY_NUMBER_EXAMINED	VARCHAR2 (50)	Y
ADJUSTED_RATE_PERCENT	VARCHAR2 (50)	Y
PAIRWISE_PVALUE	VARCHAR2 (50)	Y
PAIRWISE_PVALUE_NOTE	VARCHAR2 (1000)	Y
OVERALL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
OVERALL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
OVERALL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y
TERMINAL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
TERMINAL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
TERMINAL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_NTP_CONTROLS_HISTO_POST1982

Entity Name: UI_NTP_CONTROLS_HISTO_POST1982

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYASSAYINPUT_ID	NUMBER (38,0)	Y
START_DATE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
COMPOUND	VARCHAR2 (1000)	Y
DOSE	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
DEATH_STATUS	VARCHAR2 (1000)	Y
DEATH_DATE	VARCHAR2 (1000)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
QUALIFIER	VARCHAR2 (100)	Y
QUALIFIER_VALUE	VARCHAR2 (100)	Y
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
DATA_DOMAIN_DEPOSITOR	VARCHAR2 (50)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
SUMMARY_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
SUMMARY_NUMBER_EXAMINED	VARCHAR2 (50)	Y
ADJUSTED_RATE_PERCENT	VARCHAR2 (50)	Y
PAIRWISE_PVALUE	VARCHAR2 (50)	Y
PAIRWISE_PVALUE_NOTE	VARCHAR2 (1000)	Y
OVERALL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
OVERALL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
OVERALL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y
TERMINAL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
TERMINAL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
TERMINAL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_NTP_CONTROLS_HISTO_PRE1982

Entity Name: UI_NTP_CONTROLS_HISTO_PRE1982

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYASSAYINPUT_ID	NUMBER (38,0)	Y
START_DATE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
COMPOUND	VARCHAR2 (1000)	Y
DOSE	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
DEATH_STATUS	VARCHAR2 (1000)	Y
DEATH_DATE	VARCHAR2 (1000)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
QUALIFIER	VARCHAR2 (100)	Y
QUALIFIER_VALUE	VARCHAR2 (100)	Y
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
DATA_DOMAIN_DEPOSITOR	VARCHAR2 (50)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
SUMMARY_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
SUMMARY_NUMBER_EXAMINED	VARCHAR2 (50)	Y
ADJUSTED_RATE_PERCENT	VARCHAR2 (50)	Y
PAIRWISE_PVALUE	VARCHAR2 (50)	Y
PAIRWISE_PVALUE_NOTE	VARCHAR2 (1000)	Y
OVERALL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
OVERALL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
OVERALL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y
TERMINAL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
TERMINAL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
TERMINAL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_NTP_HISTO_POST1982_UTERUS

Entity Name: UI_NTP_HISTO_POST1982_UTERUS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYDATA_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
STUDYSUBJECT_ID	NUMBER (38,0)	Y
STUDYPROTOCOL_ID	NUMBER (38,0)	N
STUDYEVENT_ID	NUMBER (38,0)	Y
STUDYASSAYINPUT_ID	NUMBER (38,0)	Y
IS_CONTROL_GROUP	CHAR (1)	Y
START_DATE	VARCHAR2 (1000)	Y
NTP_DB_SOURCE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
STRAIN	VARCHAR2 (1000)	Y
SEX	VARCHAR2 (1000)	Y
COMPOUND	VARCHAR2 (1000)	Y
DOSE	VARCHAR2 (1000)	Y
ROUTE	VARCHAR2 (1000)	Y
DEATH_STATUS	VARCHAR2 (1000)	Y
DEATH_DATE	VARCHAR2 (1000)	Y
TEST_NAME	VARCHAR2 (100)	Y
TEST_NAME_ABBR	VARCHAR2 (10)	Y
ORIGINAL_VALUE	VARCHAR2 (500)	Y
QUALIFIER	VARCHAR2 (100)	Y
QUALIFIER_VALUE	VARCHAR2 (100)	Y
DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
DATA_DOMAIN_DEPOSITOR	VARCHAR2 (50)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
DIAGNOSIS	VARCHAR2 (1000)	Y
PRIMARY_ORGAN	VARCHAR2 (100)	Y
IS_NEOPLASTIC	CHAR (1)	Y
SUMMARY_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
SUMMARY_NUMBER_EXAMINED	VARCHAR2 (50)	Y
ADJUSTED_RATE_PERCENT	VARCHAR2 (50)	Y
PVALUE	VARCHAR2 (50)	Y
PVALUE_NOTE	VARCHAR2 (1000)	Y
OVERALL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
OVERALL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
OVERALL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y
TERMINAL_NUMBER_WITH_LESION	VARCHAR2 (50)	Y
TERMINAL_NUMBER_EXAMINED	VARCHAR2 (50)	Y
TERMINAL_INCIDENCE_PERCENT	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_POST_PROCESSING_STATUS

Entity Name: UI_POST_PROCESSING_STATUS
Entity Type: Independent
Primary Keys: STUDY_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,)	N
UI_STUDY_DATA_COLUMNS	CHAR (1)	Y
UI_STUDY_FACTORS	CHAR (1)	Y
UI_SEARCHABLE_ATTR	CHAR (1)	Y
CEBS_CONCLUSION	CHAR (1)	Y
CEBS_MICROARRAY_VALUE	CHAR (1)	Y
MICROARRAY_DATA_MATRIX	CHAR (1)	Y
UPDATE_CV_VALUES	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SA_SEARCH

Entity Name: UI_SA_SEARCH
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
UI_SA_TR_ID	NUMBER (38,0)	N
SEARCH_TERM	VARCHAR2 (50)	Y
SEARCH_TYPE	VARCHAR2 (50)	Y
REMARK_TYPE	VARCHAR2 (30)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SA_SEARCH_TERM_MAP

Entity Name: UI_SA_SEARCH_TERM_MAP
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
EXCEL_COLUMN	VARCHAR2 (20)	Y
EXCEL_TERM	VARCHAR2 (50)	Y
SEARCH_TERM	VARCHAR2 (50)	Y
SEARCH_TYPE	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SA_TR

Entity Name: UI_SA_TR
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
UI_SA_TR_ID	NUMBER (38,0)	N
PUBLICATION_NUMBER	VARCHAR2 (20)	N
STUDY_TITLE	VARCHAR2 (200)	Y
CASRN	VARCHAR2 (20)	Y
TEST_ARTICLE_NAME	VARCHAR2 (200)	Y
TEST_ARTICLE_NO	VARCHAR2 (20)	Y
STUDY_NUMBER	VARCHAR2 (20)	Y
TESTING_STATUS_URL	VARCHAR2 (100)	Y
USER_DESCR	VARCHAR2 (3000)	Y
PEER_REVIEW_DATE	VARCHAR2 (30)	Y
LAB	VARCHAR2 (100)	Y
PUBLICATION_TITLE	VARCHAR2 (1000)	Y
PUBLICATION_URL	VARCHAR2 (2000)	Y
ROUTE	VARCHAR2 (50)	Y
STUDY_MODULE	VARCHAR2 (20)	Y
TEST_ARTICLE_SORT	VARCHAR2 (100)	Y
TYPE_SORT_ORDER	VARCHAR2 (20)	Y
SITE_SORT_ORDER	VARCHAR2 (20)	Y
PEER_REVIEW_SORT_ORDER	VARCHAR2 (20)	Y
STUDY_TYPE_CODE	VARCHAR2 (3)	Y
RESULT_TYPE_CODE	VARCHAR2 (3)	Y
SPECIES	VARCHAR2 (20)	Y
SEX	VARCHAR2 (10)	Y
TR_RESULT	VARCHAR2 (20)	Y
ORGAN_SITE	VARCHAR2 (100)	Y
REMARK_TYPE	VARCHAR2 (30)	Y
REMARKS	VARCHAR2 (2000)	Y
EXPOSURE	VARCHAR2 (2000)	Y
SPECIES_CODE	VARCHAR2 (3)	Y
SUBTYPE_CODE	VARCHAR2 (3)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SEARCHABLE_ATTR

Entity Name: UI_SEARCHABLE_ATTR
Entity Type: Independent
Primary Keys: DATA_TYPE,ATTR_VALUE,ATTR

Attributes

	Column Name	Data Type	Nullable
	DATA_TYPE	VARCHAR2 (15)	N
	ATTR	VARCHAR2 (100)	N
	ATTR_VALUE	VARCHAR2 (1000)	N
	ATTR_TYPE	VARCHAR2 (50)	Y
	STUDY_COUNT	NUMBER (,)	Y
	GROUP_COUNT	NUMBER (,)	Y
	SUBJECT_COUNT	NUMBER (,)	Y
	STUDY_IDS	CLOB	Y
	GROUP_IDS	CLOB	Y
	SUBJECT_IDS	CLOB	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SEARCHABLE_STUDY

Entity Name: UI_SEARCHABLE_STUDY
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DATA_TYPE		VARCHAR2 (15)	N
ATTR		VARCHAR2 (100)	N
ATTR_VALUE		VARCHAR2 (1000)	N
ATTR_TYPE		VARCHAR2 (50)	Y
STUDY_ID		NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SEARCHABLE_SUBJECT

Entity Name: UI_SEARCHABLE_SUBJECT
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DATA_TYPE		VARCHAR2 (15)	N
ATTR		VARCHAR2 (100)	N
ATTR_VALUE		VARCHAR2 (1000)	N
ATTR_TYPE		VARCHAR2 (50)	Y
SUBJECT_ID		NUMBER (,)	Y
GROUP_ID		NUMBER (,)	Y
STUDY_ID		NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SEARCHABLE_SUBJECT_OLD

Entity Name: UI_SEARCHABLE_SUBJECT_OLD
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DATA_TYPE		VARCHAR2 (15)	N
ATTR		VARCHAR2 (100)	N
ATTR_VALUE		VARCHAR2 (1000)	N
ATTR_TYPE		VARCHAR2 (50)	Y
SUBJECT_ID		NUMBER (,)	Y
GROUP_ID		NUMBER (,)	Y
STUDY_ID		NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_SITE_ASSOCIATION

Entity Name: UI_SITE_ASSOCIATION

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
PUBLICATION_NO	VARCHAR2 (30)	Y
TEST_ARTICLE_NO	VARCHAR2 (15)	Y
STUDY_NO	VARCHAR2 (15)	Y
LAB_ID1	VARCHAR2 (10)	Y
LAB_ID2	VARCHAR2 (10)	Y
RESULT_SPECIES	VARCHAR2 (20)	Y
RESULT_SEX	VARCHAR2 (13)	Y
REMARK_TYPE	VARCHAR2 (50)	Y
SITE_NAME	VARCHAR2 (100)	Y
REMARKS	VARCHAR2 (1000)	Y
SITE_SORT_ORDER	NUMBER (,)	Y
TYPE_SORT_ORDER	NUMBER (,)	Y
RESULT_TYPE	CHAR (1)	Y
RESULT_SUBTYPE	CHAR (1)	Y
RESULT	VARCHAR2 (50)	Y
TINYURL	VARCHAR2 (20)	Y
CAS_NO	VARCHAR2 (20)	Y
USE_DESCRIPTION	VARCHAR2 (1000)	Y
TEST_ARTICLE_NAME	VARCHAR2 (200)	Y
SORT_NAME	VARCHAR2 (200)	Y
MODULE	CHAR (2)	Y
PEER_REVIEW	VARCHAR2 (10)	Y
LAB	VARCHAR2 (100)	Y
TITLE	VARCHAR2 (300)	Y
PUBLICATION_LINK	VARCHAR2 (100)	Y
RESULT_TYPE_1	CHAR (1)	Y
RESULT_SUBTYPE_1	CHAR (1)	Y
ROUTE	VARCHAR2 (50)	Y
EXPOSURE	VARCHAR2 (500)	Y
SPECIES	CHAR (1)	Y
SEX	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_ASSAYS

Entity Name: UI_STUDY_ASSAYS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	TEST_NAME	VARCHAR2 (100)	Y
	TEST_NAME_ABBR	VARCHAR2 (10)	Y
	DATA_DOMAIN_CEBS	VARCHAR2 (50)	Y
	COL_ID	VARCHAR2 (46)	Y
	IS_DELETED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_DATA_COLUMNS

Entity Name: UI_STUDY_DATA_COLUMNS
Entity Type: Independent
Primary Keys: STUDY_ID,TEST_NAME,DATA_DOMAIN_CEBS

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
DATA_DOMAIN_CEBS	VARCHAR2 (50)	N
TEST_NAME	VARCHAR2 (100)	N
COLUMNS_LIST	VARCHAR2 (2500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_DOWNLOADABLE_ATTRS

Entity Name: UI_STUDY_DOWNLOADABLE_ATTRS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DATA_TYPE		VARCHAR2 (11)	Y
STUDY_ID		NUMBER (38,0)	Y
ATTR		VARCHAR2 (100)	Y
COL_ID		VARCHAR2 (52)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_FACTORS

Entity Name: UI_STUDY_FACTORS
Entity Type: Independent
Primary Keys: STUDY_ID,PARTICIPANT_TYPE,PARTICIPANT_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
PARTICIPANT_ID	NUMBER (38,0)	N
PARTICIPANT_TYPE	VARCHAR2 (7)	N
PARTICIPANT_NAME	VARCHAR2 (200)	Y
FACTOR1_NAME	VARCHAR2 (50)	Y
FACTOR1_VALUE	VARCHAR2 (1000)	Y
FACTOR1_UNIT	VARCHAR2 (50)	Y
FACTOR2_NAME	VARCHAR2 (50)	Y
FACTOR2_VALUE	VARCHAR2 (1000)	Y
FACTOR2_UNIT	VARCHAR2 (50)	Y
FACTOR3_NAME	VARCHAR2 (50)	Y
FACTOR3_VALUE	VARCHAR2 (1000)	Y
FACTOR3_UNIT	VARCHAR2 (50)	Y
FACTOR4_NAME	VARCHAR2 (50)	Y
FACTOR4_VALUE	VARCHAR2 (1000)	Y
FACTOR4_UNIT	VARCHAR2 (50)	Y
FACTOR5_NAME	VARCHAR2 (50)	Y
FACTOR5_VALUE	VARCHAR2 (1000)	Y
FACTOR5_UNIT	VARCHAR2 (50)	Y
FACTOR6_NAME	VARCHAR2 (50)	Y
FACTOR6_VALUE	VARCHAR2 (1000)	Y
FACTOR6_UNIT	VARCHAR2 (50)	Y
FACTOR7_NAME	VARCHAR2 (50)	Y
FACTOR7_VALUE	VARCHAR2 (100)	Y
FACTOR7_UNIT	VARCHAR2 (50)	Y
FACTOR8_NAME	VARCHAR2 (50)	Y
FACTOR8_VALUE	VARCHAR2 (100)	Y
FACTOR8_UNIT	VARCHAR2 (50)	Y
FACTOR9_NAME	VARCHAR2 (50)	Y
FACTOR9_VALUE	VARCHAR2 (100)	Y
FACTOR9_UNIT	VARCHAR2 (50)	Y
FACTOR10_NAME	VARCHAR2 (50)	Y
FACTOR10_VALUE	VARCHAR2 (100)	Y
FACTOR10_UNIT	VARCHAR2 (50)	Y
GROUP_CATEGORY	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_FACTOR_VALUES

Entity Name: UI_STUDY_FACTOR_VALUES
Entity Type: Dependent
Primary Keys: STUDY_ID,PARTICIPANT_TYPE,PARTICIPANT_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
PARTICIPANT_ID	NUMBER (38,0)	N
PARTICIPANT_TYPE	VARCHAR2 (7)	N
PARTICIPANT_NAME	VARCHAR2 (200)	Y
FACTORS	VARCHAR2 (4000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_35	STUDY_ID	STUDY

UI_STUDY_REPORT_TEMPLATE

Entity Name: UI_STUDY_REPORT_TEMPLATE
Entity Type: Independent
Primary Keys: ACCESSION_NUMBER,TEMPLATE_FILE

Attributes

Column Name	Data Type	Nullable
ACCESSION_NUMBER	VARCHAR2 (50)	N
TEMPLATE_FILE	VARCHAR2 (50)	N

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_STRESSOR_WITH_TYPE

Entity Name: UI_STUDY_STRESSOR_WITH_TYPE
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYSTRESSOR_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
DISPLAY_NAME	VARCHAR2 (250)	Y
DEPOSITOR_NAME	VARCHAR2 (250)	Y
STRESSOR_COMMENTS	VARCHAR2 (2000)	Y
STRESSOR_TYPE	VARCHAR2 (50)	Y
MT_STRESSOR_ID	VARCHAR2 (100)	Y
IS_POSITIVE_CONTROL	VARCHAR2 (500)	Y
IS_NEGATIVE_CONTROL	VARCHAR2 (500)	Y
IS_VEHICLE_CONTROL	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_STUDY_TIMELINE

Entity Name: UI_STUDY_TIMELINE
Entity Type: Dependent
Primary Keys: STUDY_ID

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
TIMELINE_TYPE	VARCHAR2 (50)	Y
IS_STUDY_TIME	CHAR (1)	Y
IS_PHASE_TIME	CHAR (1)	Y
IS_PHASES_PRESENT	CHAR (1)	N
IS_UNITS_SAME	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_STUDY_1	STUDY_ID	STUDY
F_UI_TIMELINE_TYPE	TIMELINE_TYPE	UI_TIMELINE_TYPE

UI_TIMELINE_DISPLAY

Entity Name: UI_TIMELINE_DISPLAY
Entity Type: Independent
Primary Keys: TIMELINE_DISPLAY

Attributes

Column Name	Data Type	Nullable
TIMELINE_DISPLAY	VARCHAR2 (50)	N
DESCRIPTION	VARCHAR2 (3000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_TIMELINE_TYPE

Entity Name: UI_TIMELINE_TYPE
Entity Type: Dependent
Primary Keys: TIMELINE_TYPE

Attributes

Column Name	Data Type	Nullable
TIMELINE_TYPE	VARCHAR2 (50)	N
TIMELINE_DISPLAY	VARCHAR2 (50)	N
DESCRIPTION	VARCHAR2 (3000)	Y
CREATED_BY	VARCHAR2 (50)	Y
CREATION_DATE	DATE	Y
UPDATED_BY	VARCHAR2 (50)	Y
UPDATION_DATE	DATE	Y
IS_STUDY_TIME	CHAR (1)	Y
IS_PHASE_TIME	CHAR (1)	Y
IS_PHASES_PRESENT	CHAR (1)	N
IS_UNITS_SAME	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
F_UI_TIMELINE_DISPLAY	TIMELINE_DISPLAY	UI_TIMELINE_DISPLAY

UI_WF_BACTERIAL_MUTAGENICITY

Entity Name: UI_WF_BACTERIAL_MUTAGENICITY
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y
START_YEAR	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_D_G_CELL_MUTAGENICITY

Entity Name: UI_WF_D_G_CELL_MUTAGENICITY
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_LONGTERM

Entity Name: UI_WF_LONGTERM
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (4000)	Y
SEX	VARCHAR2 (6)	Y
SPECIES	VARCHAR2 (4000)	Y
START_YEAR	VARCHAR2 (1000)	Y
IS_PRE_1982	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_MAM_CELL_CYTOGENETICS

Entity Name: UI_WF_MAM_CELL_CYTOGENETICS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y
NTP_STUDY_TYPE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_MAM_CELL_MUTAGENICITY

Entity Name: UI_WF_MAM_CELL_MUTAGENICITY
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_MICRONUCLEUS

Entity Name: UI_WF_MICRONUCLEUS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	N
STRESSOR_NAME	VARCHAR2 (1000)	Y
SORT_NAME	VARCHAR2 (1000)	Y
STUDY_CONCLUSION	VARCHAR2 (1000)	Y
MALE_CONCLUSION	VARCHAR2 (15)	Y
FEMALE_CONCLUSION	VARCHAR2 (15)	Y
START_YEAR	VARCHAR2 (16)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_88_REP

Entity Name: UI_WF_TOX21_2_88_REP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (150)	Y
GROUP_NAME	VARCHAR2 (150)	N
NCGC_PLATE_REPLICATE	VARCHAR2 (1000)	Y
NCGC_PLATE_NAME	VARCHAR2 (1000)	Y
NCGC_PLATE_SOURCE	VARCHAR2 (1000)	Y
NCGC_PLATE_LETTER	VARCHAR2 (1000)	Y
IS_88_REPLICATE	VARCHAR2 (1000)	Y
CURVE_CLASS	NUMBER (5,2)	Y
CURVE_CLASS2	NUMBER (5,2)	Y
NON_STAR_CALL	VARCHAR2 (50)	Y
STAR_CALL	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_ALL_PLATES

Entity Name: UI_WF_TOX21_2_ALL_PLATES

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	Y
SOURCE	VARCHAR2 (1000)	Y
PLATE	VARCHAR2 (1000)	Y
REPLICATE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_LOOKUP

Entity Name: UI_WF_TOX21_2_LOOKUP

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
IS_PUBLIC	CHAR (1)	Y
IS_DELETED	CHAR (1)	Y
NCGC_ASSAY_NAME	VARCHAR2 (1000)	Y
DATA_RELEASE_DATE	VARCHAR2 (1000)	Y
SPECIES_COMMON_NAME	VARCHAR2 (1000)	Y
CELL_LINE	VARCHAR2 (1000)	Y
ASSAY_READOUT	VARCHAR2 (500)	Y
ASSAY_FORMAT	VARCHAR2 (500)	Y
ANALYTE	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_RESULT

Entity Name: UI_WF_TOX21_2_RESULT

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (150)	Y
TOX21_ASSAY_DIRECTION	VARCHAR2 (1000)	Y
TOX21_ID	VARCHAR2 (1000)	Y
IS_88_REPLICATE	VARCHAR2 (1000)	Y
NCGC_PLATE_SOURCE	VARCHAR2 (1000)	Y
NCGC_PLATE_LETTER	VARCHAR2 (1000)	Y
NCGC_PLATE_REPLICATE	VARCHAR2 (1000)	Y
PLATE_REP	VARCHAR2 (2001)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
CURVE_CLASS	NUMBER (5,2)	Y
CURVE_CLASS2	NUMBER (5,2)	Y
STAR_CALL	VARCHAR2 (50)	Y
NON_STAR_CALL	VARCHAR2 (50)	Y
NCGC_ACTIVE	CHAR (1)	Y
NTP_ACTIVE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_RESULT1

Entity Name: UI_WF_TOX21_2_RESULT1

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
NCGC_PROTOCOL_NAME	VARCHAR2 (150)	Y
ASSAY_PROTOCOL_NAME	VARCHAR2 (150)	Y
CHANNEL	VARCHAR2 (150)	Y
TOX21_ASSAY_DIRECTION	VARCHAR2 (1000)	Y
TOX21_ID	VARCHAR2 (1000)	Y
IS_88_REPLICATE	VARCHAR2 (1000)	Y
NCGC_PLATE_SOURCE	VARCHAR2 (1000)	Y
NCGC_PLATE_LETTER	VARCHAR2 (1000)	Y
NCGC_PLATE_REPLICATE	VARCHAR2 (1000)	Y
PLATE_REP	VARCHAR2 (2001)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
CURVE_CLASS	NUMBER (5,2)	Y
CURVE_CLASS2	NUMBER (5,2)	Y
STAR_CALL	VARCHAR2 (50)	Y
NON_STAR_CALL	VARCHAR2 (50)	Y
NCGC_ACTIVE	CHAR (1)	Y
NTP_ACTIVE	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_2_TOTAL

Entity Name: UI_WF_TOX21_2_TOTAL
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	CAS_NUMBER	VARCHAR2 (100)	Y
	TOTAL_COPIES	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_PHASE1

Entity Name: UI_WF_TOX21_PHASE1

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
ASSAY_NAME	VARCHAR2 (150)	Y
CAS_NUMBER	VARCHAR2 (100)	Y
CHEMICAL_NAME	VARCHAR2 (1000)	Y
CURVE_CLASS	NUMBER (5,2)	Y
CURVE_CLASS2	NUMBER (5,2)	Y
STAR_CALL	VARCHAR2 (50)	Y
NON_STAR_CALL	VARCHAR2 (50)	Y
IS_PUBLIC	CHAR (1)	Y
IS_DELETED	CHAR (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WF_TOX21_PHASE1_LOOKUP

Entity Name: UI_WF_TOX21_PHASE1_LOOKUP
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
ASSAY_NAME		VARCHAR2 (150)	Y
CELL_LINE		VARCHAR2 (20)	Y
SPECIES		VARCHAR2 (10)	Y
STUDY_YEAR		VARCHAR2 (4)	Y
READOUT		VARCHAR2 (200)	Y
ANALYTE		VARCHAR2 (200)	Y
ASSAY_TARGET		VARCHAR2 (200)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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UI_WORKPLACE_ITEM

Entity Name: UI_WORKPLACE_ITEM

Entity Type: Independent

Primary Keys: WORKPLACE_UUID

Attributes

Column Name	Data Type	Nullable
WORKPLACE_UUID	VARCHAR2 (75)	N
ITEM_NAME	VARCHAR2 (150)	Y
ITEM_TYPE	VARCHAR2 (20)	Y
STUDY_IDS	VARCHAR2 (250)	Y
STUDY_COUNT	NUMBER (,)	Y
GROUP_IDS	VARCHAR2 (250)	Y
GROUP_COUNT	NUMBER (,)	Y
SUBJECT_IDS	CLOB	Y
SUBJECT_COUNT	NUMBER (,)	Y
CRITERIA	CLOB	Y
PARTICIPANT_OPTION	VARCHAR2 (20)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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VALUE_TYPE_CV

Entity Name: VALUE_TYPE_CV
Entity Type: Independent
Primary Keys: VALUE_TYPE

Attributes

	Column Name	Data Type	Nullable
VALUE_TYPE		VARCHAR2 (100)	N
DESCRIPTION		VARCHAR2 (3000)	Y
CREATED_BY		VARCHAR2 (50)	Y
CREATION_DATE		DATE	Y
UPDATED_BY		VARCHAR2 (50)	Y
UPDATION_DATE		DATE	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_CONTROLS_GROUPS_AVG

Entity Name: V_CONTROLS_GROUPS_AVG

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDYSUBJECTGROUP_ID	NUMBER (38,0)	N
STUDY_ID	NUMBER (38,0)	N
AVG_VALUE	NUMBER (,)	Y
TEST_NAME	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_DATA_DICTIONARY_REPORT

Entity Name: V_DATA_DICTIONARY_REPORT
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	DATA_DOMAIN	VARCHAR2 (11)	Y
	STUDY_ATTR	VARCHAR2 (100)	Y
	DESCRIPTION	VARCHAR2 (3000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_GROUPS_AND_HYBS

Entity Name: V_GROUPS_AND_HYBS

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	Y
PARTICIPANT_TYPE	VARCHAR2 (7)	Y
PARTICIPANT_ID	NUMBER (38,0)	Y
PARTICIPANT_NAME	VARCHAR2 (150)	Y
IS_CONTROL_GROUP	CHAR (1)	Y
COMPARATOR_GROUP_ID	NUMBER (,)	Y
PREPARATION_ID	NUMBER (38,0)	Y
PREPARATION_NAME	VARCHAR2 (150)	Y
MICROARRAYHYB_ID	NUMBER (38,0)	Y
HYB_NAME	VARCHAR2 (150)	Y
MICROARRAY_TYPE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_HISTO_DATA

Entity Name: V_HISTO_DATA
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
UI_DIAGNOSIS	VARCHAR2 (100)	Y
ORGAN	VARCHAR2 (100)	Y
ORGAN_PART	VARCHAR2 (100)	Y
SUB_TOPOGRAPHY	VARCHAR2 (100)	Y
CELLS	VARCHAR2 (50)	Y
SEVERITY_SCALE	VARCHAR2 (500)	Y
SEVERITY	VARCHAR2 (50)	Y
DISTRIBUTION	VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_INVESTIGATION_DETAILS

Entity Name: V_INVESTIGATION_DETAILS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
ATTR	VARCHAR2 (19)	Y
ATTR_VALUE	VARCHAR2 (1000)	Y
INVESTIGATION_ID	NUMBER (38,0)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_INVESTIGATION_STUDY_LIST

Entity Name: V_INVESTIGATION_STUDY_LIST
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
INVESTIGATION_ID	NUMBER (38,0)	N
INVESTIGATION_ACCESSION_NUMBER	VARCHAR2 (50)	Y
INVESTIGATION_TITLE	VARCHAR2 (200)	Y
INVESTIGATION_TITLE_SHORT	VARCHAR2 (75)	Y
PI	VARCHAR2 (200)	Y
ORGANIZATION	VARCHAR2 (200)	Y
INVESTIGATION_IS_PUBLIC	CHAR (1)	N
STUDY_ID	NUMBER (38,0)	N
STUDY_ACCESSION_NUMBER	VARCHAR2 (50)	Y
STUDY_TITLE	VARCHAR2 (300)	Y
STUDY_TITLE_SHORT	VARCHAR2 (75)	Y
STUDY_IS_PUBLIC	CHAR (1)	Y
MICROARRAY_TYPE	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_MICROARRAY_VALUES_LINEAR

Entity Name: V_MICROARRAY_VALUES_LINEAR
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
CEBS_PROBE_ID	VARCHAR2 (40)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
INTENSITY	NUMBER (,)	Y
INTENSITY_COMP	NUMBER (,)	Y
RATIO	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_MICROARRAY_VALUES_LOG10

Entity Name: V_MICROARRAY_VALUES_LOG10
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
CEBS_PROBE_ID	VARCHAR2 (40)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
LOG10_INTENSITY	VARCHAR2 (80)	Y
LOG10_INTENSITY_COMP	VARCHAR2 (80)	Y
LOG10_RATIO	VARCHAR2 (80)	Y
INTENSITY	NUMBER (,)	Y
RATIO	NUMBER (,)	Y
INTENSITY_COMP	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_MICROARRAY_VALUES_LOG2

Entity Name: V_MICROARRAY_VALUES_LOG2
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
MICROARRAYHYB_ID	NUMBER (38,0)	N
MICROARRAY_TYPE	VARCHAR2 (100)	N
CEBS_PROBE_ID	VARCHAR2 (40)	N
STUDY_ID	NUMBER (38,0)	N
STUDYPROTOCOL_ID	NUMBER (38,0)	Y
INTENSITY	NUMBER (,)	Y
INTENSITY_COMP	NUMBER (,)	Y
RATIO	NUMBER (,)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_PARTICIPANT_ATTR

Entity Name: V_PARTICIPANT_ATTR
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	Y
	PARTICIPANT_NAME	VARCHAR2 (150)	Y
	PARTICIPANT_ID	NUMBER (,)	Y
	PARTICIPANT_TYPE	VARCHAR2 (7)	Y
	PARTICIPANT_ATTR	VARCHAR2 (100)	Y
	ATTR_VALUE	VARCHAR2 (2000)	Y
	IS_FACTOR	VARCHAR2 (1)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_SEARCHABLE_ATTR

Entity Name: V_SEARCHABLE_ATTR
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
DISPLAY_ORDER		NUMBER (,)	Y
DATA_TYPE		VARCHAR2 (11)	Y
ATTR		VARCHAR2 (100)	Y
DESCRIPTION		VARCHAR2 (3000)	Y
ATTR_TYPE		VARCHAR2 (50)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_STUDY_ASSAY_UNITS

Entity Name: V_STUDY_ASSAY_UNITS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	Y
	ASSAY_NAME	VARCHAR2 (100)	Y
	UNIT_TYPE	VARCHAR2 (100)	Y
	UNIT_VALUE	VARCHAR2 (500)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_STUDY_FACTORS

Entity Name: V_STUDY_FACTORS
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	PARTICIPANT_NAME	VARCHAR2 (150)	Y
	PARTICIPANT_ID	NUMBER (,)	Y
	PARTICIPANT_TYPE	VARCHAR2 (7)	Y
	DEPOSITOR_NAME	VARCHAR2 (100)	N
	ATTR_VALUE	VARCHAR2 (1000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_STUDY_FACTORS1

Entity Name: V_STUDY_FACTORS1
Entity Type: Independent
Primary Keys:

Attributes

	Column Name	Data Type	Nullable
	STUDY_ID	NUMBER (38,0)	N
	PARTICIPANT_ID	NUMBER (38,0)	N
	PARTICIPANT_TYPE	VARCHAR2 (7)	N
	FACTORS	VARCHAR2 (4000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_STUDY_HYB

Entity Name: V_STUDY_HYB

Entity Type: Independent

Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (,0)	Y
STUDYSUBJECTGROUP_ID	NUMBER (,0)	Y
GROUP_NAME	VARCHAR2 (150)	Y
STUDYSUBJECT_ID	NUMBER (,0)	Y
SUBJECT_NAME	VARCHAR2 (150)	Y
MICROARRAYHYB_ID	NUMBER (38,0)	Y
VENDOR_NAME	VARCHAR2 (50)	Y
MICROARRAY_TYPE	VARCHAR2 (100)	Y
HYB_NAME	VARCHAR2 (150)	Y
HYB_LABEL	VARCHAR2 (100)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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V_STUDY_PROTOCOLS_ATTRS

Entity Name: V_STUDY_PROTOCOLS_ATTRS
Entity Type: Independent
Primary Keys:

Attributes

Column Name	Data Type	Nullable
STUDY_ID	NUMBER (38,0)	N
PROTOCOL_CLASS	VARCHAR2 (100)	Y
PROTOCOL_TYPE	VARCHAR2 (100)	N
DISPLAY_NAME	VARCHAR2 (150)	N
DEPOSITOR_NAME	VARCHAR2 (150)	Y
DESCRIPTION	VARCHAR2 (3000)	Y
PROTOCOL_ATTR	VARCHAR2 (100)	Y
ATTR_VALUE	VARCHAR2 (500)	Y
ATTR_VALUE_UNIT	VARCHAR2 (50)	Y
ATTR_VALUE_COMMENT	VARCHAR2 (3000)	Y

Relationships

Constraint Name	Columns Involve	Linked Table
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