

| GO13.TERM2TERM_METADATA                       |             |  |
|-----------------------------------------------|-------------|--|
| P * ID                                        | NUMBER (10) |  |
| F * RELATIONSHIP_TYPE_ID                      | NUMBER (10) |  |
| F * TERM1_ID                                  | NUMBER (10) |  |
| F * TERM2_ID                                  | NUMBER (10) |  |
| PRIMARY_11 (ID)                               |             |  |
| PRIMARY_11 (ID)                               |             |  |
| TERM1_ID_2 (TERM1_ID, TERM2_ID)               |             |  |
| RELATIONSHIP_TYPE_ID_5 (RELATIONSHIP_TYPE_ID) |             |  |
| TERM2_ID (TERM2_ID)                           |             |  |

| GO13.TERM                     |                     |  |
|-------------------------------|---------------------|--|
| P * ID                        | NUMBER (10)         |  |
| * NAME                        | VARCHAR2 (255 CHAR) |  |
| * TERM_TYPE                   | VARCHAR2 (55 CHAR)  |  |
| U * ACC                       | VARCHAR2 (255 CHAR) |  |
| * IS_OBSOLETE                 | NUMBER (10)         |  |
| * IS_ROOT                     | NUMBER (10)         |  |
| * IS_RELATION                 | NUMBER (10)         |  |
| ACC (ACC)                     |                     |  |
| PRIMARY_1 (ID)                |                     |  |
| PRIMARY_1 (ID)                |                     |  |
| T6 (ID, TERM_TYPE)            |                     |  |
| ACC (ACC)                     |                     |  |
| T1 (NAME)                     |                     |  |
| T2 (TERM_TYPE)                |                     |  |
| T4 (ID, ACC)                  |                     |  |
| T5 (ID, NAME)                 |                     |  |
| T7 (ID, ACC, NAME, TERM_TYPE) |                     |  |

| GO13.ASSOCIATION                                              |             |  |
|---------------------------------------------------------------|-------------|--|
| P * ID                                                        | NUMBER (10) |  |
| F * TERM_ID                                                   | NUMBER (10) |  |
| * GENE_PRODUCT_ID                                             | NUMBER (10) |  |
| IS_NOT                                                        | NUMBER (10) |  |
| ROLE_GROUP                                                    | NUMBER (10) |  |
| ASSOCDATE                                                     | NUMBER (10) |  |
| SOURCE_DB_ID                                                  | NUMBER (10) |  |
| ASSOCIATION_PK (ID)                                           |             |  |
| ASSOCIATION_PK (ID)                                           |             |  |
| ASSOCIATION_IDX1 (ID, TERM_ID)                                |             |  |
| ASSOCIATION_IDX2 (ID, GENE_PRODUCT_ID)                        |             |  |
| ASSOCIATION_IDX3 (ID, TERM_ID, GENE_PRODUCT_ID)               |             |  |
| ASSOCIATION_IDX43 (TERM_ID)                                   |             |  |
| ASSOCIATION_FUNCTIONIDX (REVERSE(TO_CHAR("TERM_ID"))  'bla')) |             |  |

| GO13.TERM_SYNONYM                         |                     |  |
|-------------------------------------------|---------------------|--|
| PF * TERM_ID                              | NUMBER (10)         |  |
| P * TERM_SYNONYM                          | VARCHAR2 (996 CHAR) |  |
| ACC_SYNONYM                               | VARCHAR2 (255 CHAR) |  |
| F * SYNONYM_TYPE_ID                       | NUMBER (10)         |  |
| F SYNONYM_CATEGORY_ID                     | NUMBER (10)         |  |
| TERM_SYNONYM_PK (TERM_ID, TERM_SYNONYM)   |                     |  |
| TS3_23 (TERM_ID, TERM_SYNONYM)            |                     |  |
| SYNONYM_TYPE_ID (SYNONYM_TYPE_ID)         |                     |  |
| SYNONYM_CATEGORY_ID (SYNONYM_CATEGORY_ID) |                     |  |
| TS1 (TERM_ID)                             |                     |  |
| TS2 (TERM_SYNONYM)                        |                     |  |

| GO13.TERM_SUBSET                    |             |  |
|-------------------------------------|-------------|--|
| PF * TERM_ID                        | NUMBER (10) |  |
| PF * SUBSET_ID                      | NUMBER (10) |  |
| TERM_SUBSET_PK (TERM_ID, SUBSET_ID) |             |  |
| TSS1 (TERM_ID)                      |             |  |
| TSS2 (SUBSET_ID)                    |             |  |
| TSS3 (TERM_ID, SUBSET_ID)           |             |  |