val\_sample

**val\_sample\_id**

alpha\_sample\_id

project\_id

barcode

machine\_id

val\_sample\_run

**run\_id**

val\_sample\_id

machine\_id

is\_open

val\_sample\_run\_bsid

run\_id

buddy\_sample\_id

val\_sample\_run\_history

run\_id

test\_id

action

Unique constraint

across (run\_id|test\_id|action).

Example values for ‘action’:

* accept trigger
* rerun

Unique constraint across

(run\_id|val\_sample\_id|machine\_id).

At any one time there should be a

maximum of one open run of a sample

for a machine.

val\_sample\_id identifies a sample.

For Unknowns, sample identity is defined as

(alpha\_sample\_id, project\_id) .

For QCs, it is (barcode, machine\_id).