# Tests for /allele endpoint

## Critical tests

1. The response status = 200
2. GET with (negative tests get appropriate standard error message):
   1. empty / illegal genesymbol
   2. empty / illegal name (\*\*\*bug in description? The “name” field appears as required but requests without name do not fail)
   3. partial genesymbol + wildcards (if \_not\_ applicable)
   4. illegal data for any field (in our case all fields by type “string”, so send boolean or int instead)
3. Filter: I can get alleles by names in range “\*11-\*99” (if applicable)
4. Stability: send few requests in parallel to the endpoint

## Additional tests:

1. In case of error - the error should be informative with standard status code
2. The response matches the schema
3. Case sensitive (if applicable)
4. Stability: send update and get requests simultaneously
5. Sort response by name / id / strength

Also for the very first sanity steps I would create simple flow like this:

Create an allele > Get the allele info > Update the info > Delete the allele