Example of a Variant document (BSON format), containing information about the marker itself

```json
{
"_id" : "BTA000628179",  // Variant ID, unique per variant type and position on the genome
"_class" : "VD",  // Required by Spring-Data, used for Object/Document Mapping
"v" : NumberLong(3),  // Variant records are versioned to achieve optimistic locking during imports
"ty" : "SNP",  // Variant type code
"sy" : {  // Block containing synonyms for this variant, grouped by category
  "il" : ["ARS-BFGL-NGS-116023", "BFGL-NGS-116023"],  // List of Illumina synonyms for this variant
  "in" : ["F0407890"],  // List of synonyms stored for internal use
  "nc" : ["rs109318750"]  // List of NCBI RefSNP (rs) synonyms
},
"ka" : ["G", "A"]  // List of known alleles for this variant
}
```

Example of a VariantRunData document (BSON format), embedding variant genotypes for all samples involved in a run

```json
{
"_id" : {},  // VariantRunData ID (composite)
  "pi" : NumberInt(10),  // Project ID
  "rn" : "run1",  // Run name
  "vi" : "BTA000628179"  // Variant ID
},
"_class" : "R",  // Required by Spring-Data, used for Object/Document Mapping
"sp" : {  // List of samples involved in this run
  "1" : {  // Block containing data related to the genotyping of sample 1 in this run
    "gt" : "1/1"  // Genotype found for sample 2 in this run: A/A
  },
  "2" : {  // Block containing data related to the genotyping of sample 2 in this run
    "gt" : "0/0"  // Genotype found for sample 2 in this run: G/G
  },
  "3" : {  // Block containing data related to the genotyping of sample 3 in this run
    "gt" : "0/1"  // Genotype found for sample 2 in this run: G/A
  }
}
```