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

```
{
  "_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

```
{
    "_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
        }

    }
}
```