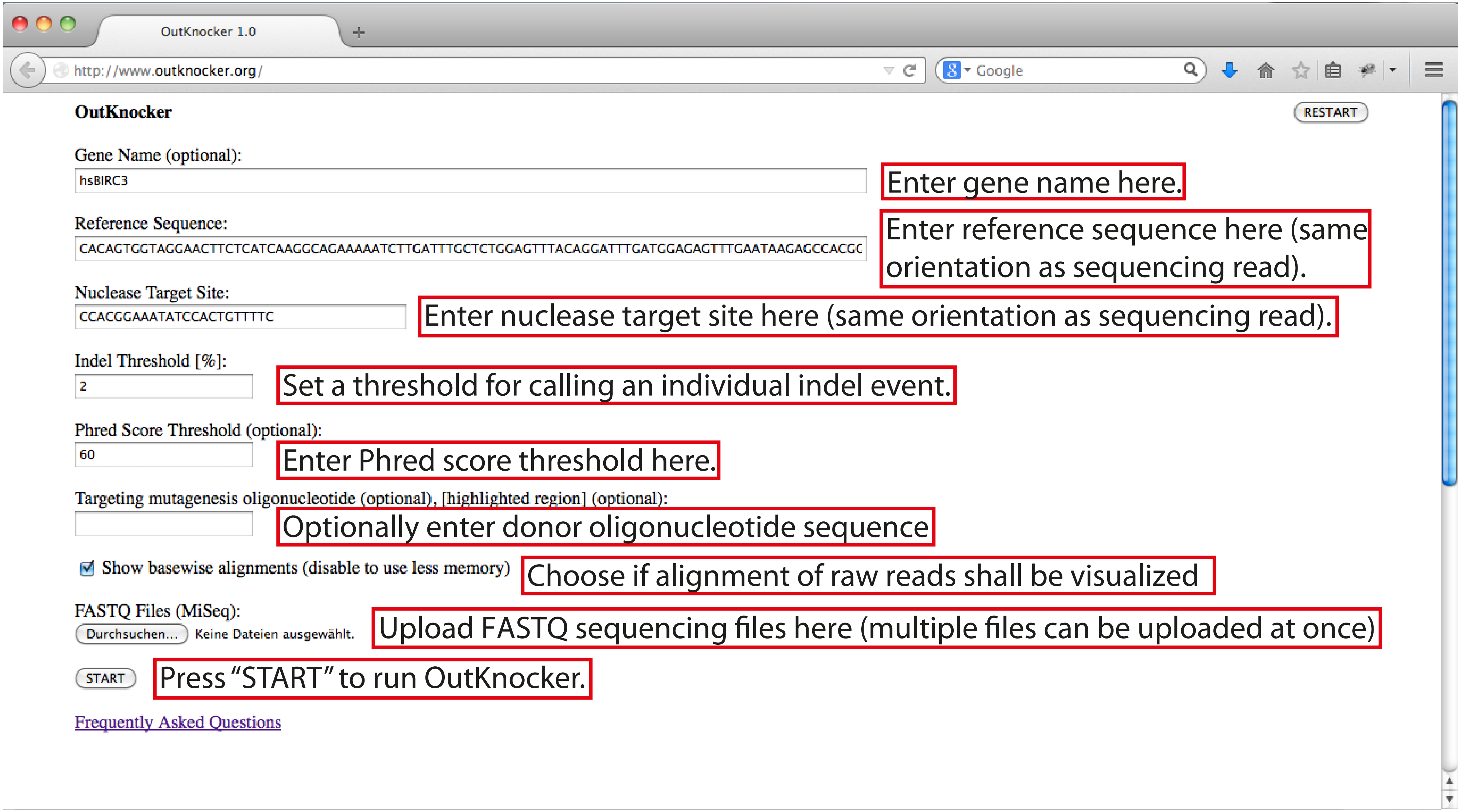

**OutKnocker**

Gene Name (optional): hsBIRC3

Enter gene name here.

Reference Sequence: CACAGTGGTAGGAACTTCTCATCAAGGCAGAAAAATCTTGATTTGCTCTGGAGTTTACAGGATTTGATGGAGAGTTTGAATAAGAGCCACGC

Enter reference sequence here (same orientation as sequencing read).

Nuclease Target Site: CCACGGAAATATCCACTGTTTTC

Enter nuclease target site here (same orientation as sequencing read).

Indel Threshold [%]: 2

Set a threshold for calling an individual indel event.

Phred Score Threshold (optional): 60

Enter Phred score threshold here.

Targeting mutagenesis oligonucleotide (optional), [highlighted region] (optional):

Optionally enter donor oligonucleotide sequence

☑ Show basewise alignments (disable to use less memory)

Choose if alignment of raw reads shall be visualized

FASTQ Files (MiSeq):

Upload FASTQ sequencing files here (multiple files can be uploaded at once)

Press "START" to run OutKnocker.

Supplementary Figure 1