

## Ferret Orthologue of *Homo sapiens* IFNA1, Forward Primer

### Catalog No. NR-8133

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### For research use only. Not for human use.

#### Contributor:

David J. Kelvin, Ph.D., Head, Division of Experimental Therapeutics Toronto General Research Institute, Toronto, Ontario, Canada

#### Product Description:

NR-8133 pairs with NR-8134 to amplify the ferret (*Mustela putorius furo*) orthologue of *Homo sapiens* IFNA1 (interferon, alpha 1), (NCBI GeneID: 3439).<sup>1</sup>

Primer sequence and properties for NR-8133 are shown in Table 1.

#### Material Provided:

Each vial contains lyophilized oligonucleotide primer. The total primer content for each vial is shown on the Certificate of Analysis.

#### Packaging/Storage:

Primers were packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C upon arrival. Reconstituted primer should also be stored at -20°C. Freeze-thaw cycles should be minimized.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Ferret Orthologue of *Homo sapiens* IFNA1, Forward Primer, NR-8133."

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed.

Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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#### References:

1. <http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&cmd=search&term=3439>

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Table 1

Sequence	Length (nucleotides)	Molecular Weight (g/mole)	$\epsilon_{260}$ [L/(mole)(cm)]	T <sub>m</sub> (°C)	GC Content
5'-TCTCCATGTGACAAACCAGAAGA-3'	23	7025.65	236562	60.99	43%