GiKK: annotation of programmed frameshift

```
V  A  G  G  L  G  R  L  R  G  G  I  R  G  L  L  E  E  V  D  G  E  H  G  W  A  L  V  R  D  L  M  L  A  G  L  R  V  E  D  I
 W  Q  E  D  S  G  V  S  V  G  E  S  E  D  S  S  K  K  *  T  V  S  T  G  G  P  L  Y  G  T  *  C  W  R  A  F  A  S  K  T  L
 G  R  R  T  R  A  S  P  W  G  N  P  R  T  P  R  R  S  R  R  *  A  R  V  G  P  C  T  G  P  D  A  G  G  P  S  R  R  R  H
GTGGCAGGAGGACTCGGGCGTCTCCGTGGGGGAATCCGAGGACTCCTCGAAGAAGTAGACGGTGAGCACGGGTGGGCCCTTGTACGGGACCTGATGCTGGCGGGCCTTCGCGTCGAAGACAT
..:....|....:....|....:....|.........|....:....|....:....|....:....|....:....|....:....|....:....|....:....|....:....|....
GCACCGTCCTCCTGAGCCCGCAGAGGCACCCCCTTAGGCTCCTGAGGAGCTTCTTCATCTGCCACTCGTGCCCACCCGGGAACATGCCCTGGACTACGACCGCCCGGAAGCGCAGCTTCTGTA
 T  A  P  P  S  P  R  R  R  P  P  I  R  P  S  R  S  S  T  S  P  S  C  P  H  A  R  T  R  S  R  I  S  A  P  R  R  T  S  S  M
 H  C  S  S  E  P  T  E  T  P  S  D  S  S  E  E  F  F  Y  V  T  L  V  P  P  G  K  Y  P  V  Q  H  Q  R  A  K  A  D  F  V
R  P  L  L  V  R  A  D  G  H  P  F  G  L  V  G  R  L  L  L  R  H  A  R  T  P  G  Q  V  P  G  S  A  P  P  G  E  R  R  L  C
```

Extracted from FastA Library GiKK.fasta

Sequence | Documentation

Tag	Name	5' End	3' End	Length
DNAM_1	1	49	504	456
DNAM_2	2	504	767	264
DNAM_3	3	757	1008	252
DNAM_4	4	1010	1165	156
DNAM_5	5	1169	1297	129
DNAM_6	6	1294	1434	141
DNAM_7	7	1487	3187	1701
DNAM_8	8	3184	4635	1452
DNAM_9	9	4616	5209	594
DNAM_10	10	5253	5738	486
DNAM_11	11	5758	6687	930
DNAM_12	12	6737	7246	510
DNAM_13	13	7246	7584	339
DNAM_14	14	7592	7846	255
DNAM_15	15	7833	8237	405
DNAM_16	16	8250	9098	849
DNAM_17	17	9200	9493	294
DNAM_18	18	9200	9930	732
DNAM_19	19	9920	14137	4218
DNAM_20	20	14134	15093	960
DNAM_21	21	15090	16778	1689
DNAM_22	22	16778	17170	393
DNAM_23	23	17167	17742	576
DNAM_24	24	17739	18707	969
DNAM_25	25	18704	19063	360

Insert | Delete | Post | Validate

Description | Sequence | Product | Regions | Blast | Context

Start	Stop	Length
9200	9466	267
9466	9930	465

Manual Insert | Auto Insert | Delete | Assign Lengths