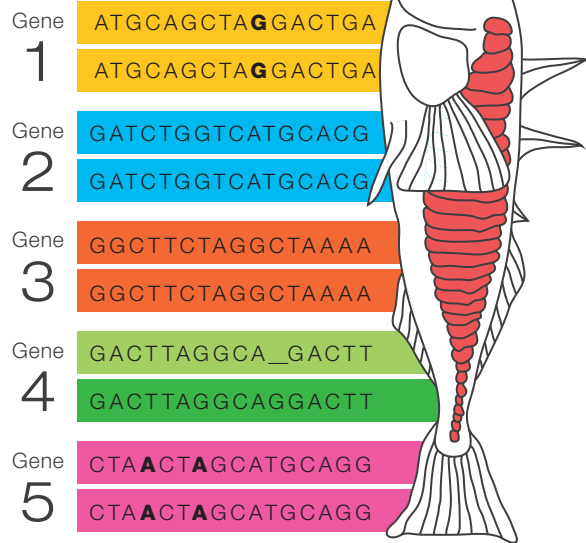
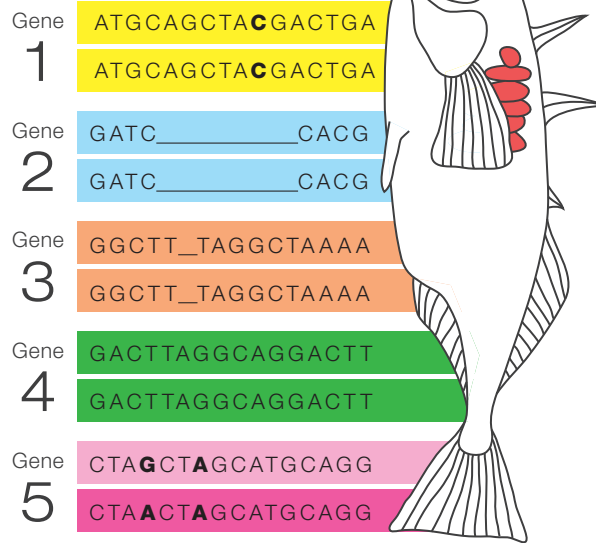


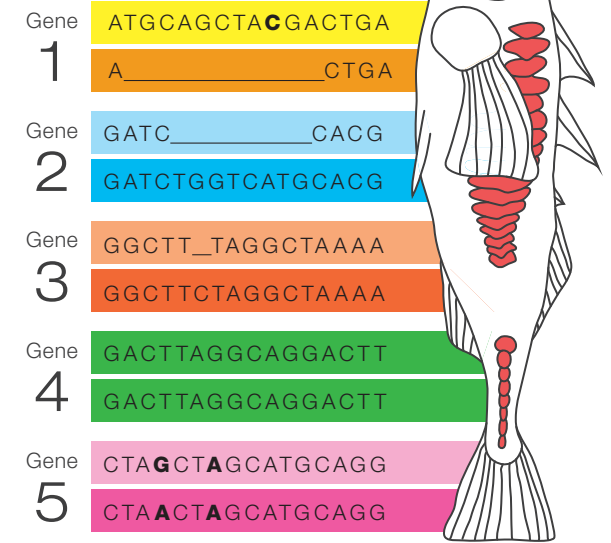
1 Completely plated



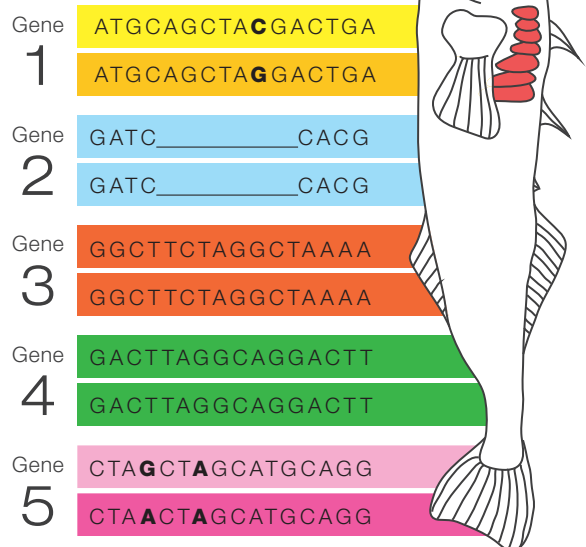
2 Low plated



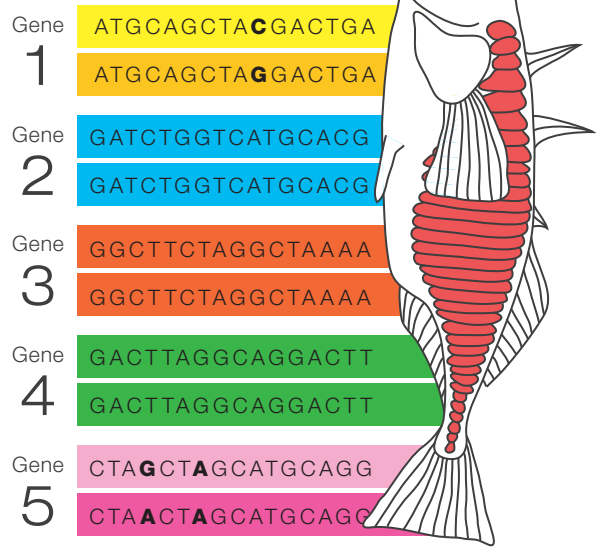
3 Partially plated



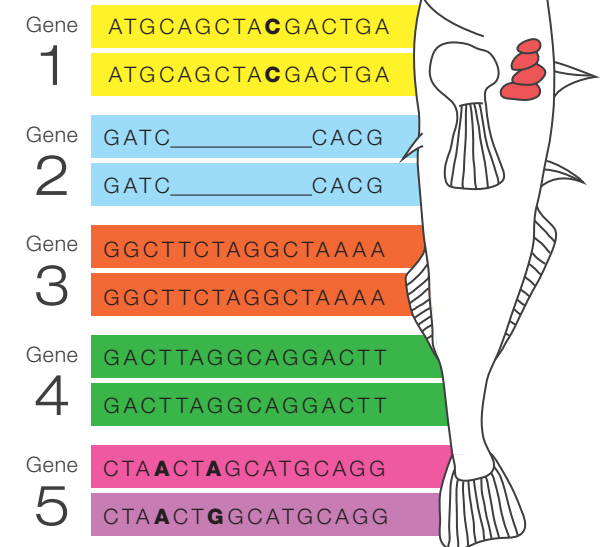
4 Low plated



5 Completely plated



6 Low plated



7 Partially plated


Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**G**GACTGA

Gene 2 GATC_____CACG
GATCTGGTCATGCACG

Gene 3 GGCTTCTAGGCTAAAA
GGCTTCTAGGCTAAAA

Gene 4 GACTTAGGCAGGACTT
GACTTAGGCAGGACTT

Gene 5 CTAG**G**CTA**G**CATGCAGG
CTA**A**CTA**G**CATGCAGG



8 Partially plated

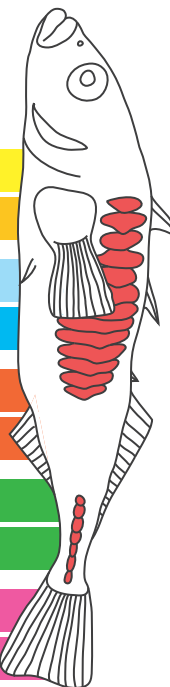
Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**G**GACTGA

Gene 2 GATC_____CACG
GATCTGGTCATGCACG

Gene 3 GGCTTCTAGGCTAAAA
GGCTTCTAGGCTAAAA

Gene 4 GACTTAGGCAGGACTT
GACTTAGGCAGGACTT

Gene 5 CTA**A**CTA**G**CATGCAGG
CTA**A**CTA**G**CATGCAGG



9 Completely plated

Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**G**GACTGA

Gene 2 GATCTGGTCATGCACG
GATCTGGTCATGCACG

Gene 3 GGCTT_TAGGCTAAAA
GGCTTCTAGGCTAAAA

Gene 4 GACTTAGGCAGGACTT
GACTTAGGCAGGACTT

Gene 5 CTAG**G**CTA**G**CATGCAGG
CTA**G**CTA**G**CATGCAGG



10 Partially plated


Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**C**GACTGA

Gene 2 GATC_____CACG
GATCTGGTCATGCACG

Gene 3 GGCTT_TAGGCTAAAA
GGCTT_TAGGCTAAAA

Gene 4 GACTTAGGCAGGACTT
GACTTAGGCAGGACTT

Gene 5 CTAG**G**CTA**G**CATGCAGG
CTA**A**CTA**G**CATGCAGG



11 Low plated

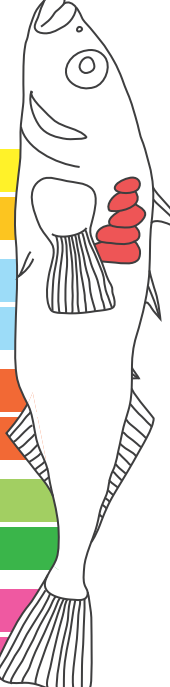
Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**G**GACTGA

Gene 2 GATC_____CACG
GATC_____CACG

Gene 3 GGCTTCTAGGCTAAAA
GGCTTCTAGGCTAAAA

Gene 4 GACTTAGGCA_GACTT
GACTTAGGCAGGACTT

Gene 5 CTA**A**CTA**G**CATGCAGG
CTA**A**CTA**G**CATGCAGG



12 Completely plated

Gene 1 ATGCAGCTA**C**GACTGA
ATGCAGCTA**G**GACTGA

Gene 2 GATCTGGTCATGCACG
GATCTGGTCATGCACG

Gene 3 GGCTTCTAGGCTAAAA
GGCTTCTAGGCTAAAA

Gene 4 GACTTAGGCA_GACTT
GACTTAGGCAGGACTT

Gene 5 CTAG**G**CTA**G**CATGCAGG
CTA**G**CTA**G**CATGCAGG



13

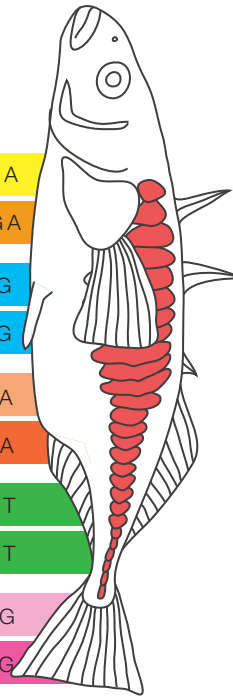
Low plated



Gene 1	ATGCAGCTAG G ACTGA
Gene 2	GATC_____CACG
Gene 3	GGCTTCTAGGCTAAAA
Gene 4	GACTTAGGCAGGACTT
Gene 5	CTAG G CTAGCATGCAGG

14

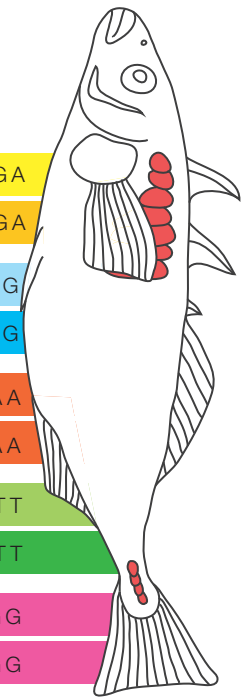
Completely plated



Gene 1	ATGCAGCTA C GACTGA
Gene 2	GATCTGGTCATGCACG
Gene 3	GGCTT_TAGGCTAAAA
Gene 4	GACTTAGGCAGGACTT
Gene 5	CTAG G CTAGCATGCAGG

15

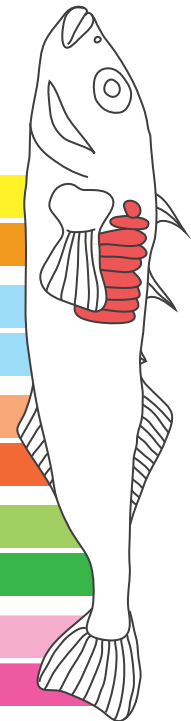
Partially plated



Gene 1	ATGCAGCTA C GACTGA
Gene 2	GATCTGGTCATGCACG
Gene 3	GGCTTCTAGGCTAAAA
Gene 4	GACTTAGGCA_GACTT
Gene 5	CTA A CTAGCATGCAGG

16

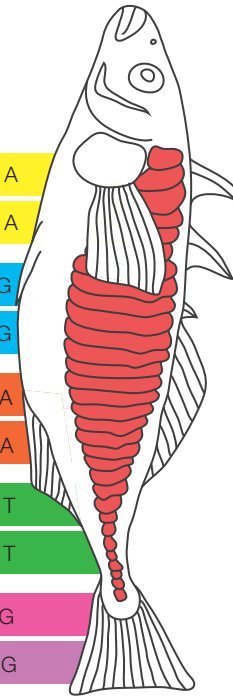
Low plated



Gene 1	ATGCAGCTA C GACTGA
Gene 2	GATC_____CACG
Gene 3	GGCTT_TAGGCTAAAA
Gene 4	GACTTAGGCA_GACTT
Gene 5	CTAG G CTAGCATGCAGG

17

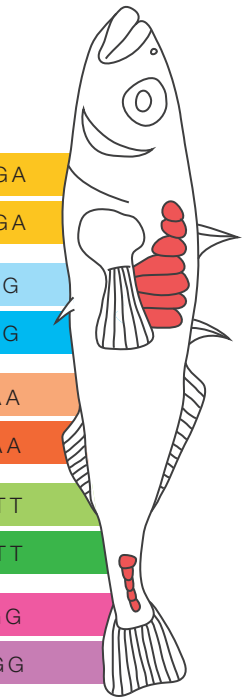
Completely plated



Gene 1	ATGCAGCTA C GACTGA
Gene 2	GATCTGGTCATGCACG
Gene 3	GGCTT_TAGGCTAAAA
Gene 4	GACTTAGGCAGGACTT
Gene 5	CTA A CTAGCATGCAGG

18

Partially plated



Gene 1	ATGCAGCTA G ACTGA
Gene 2	GATCTGGTCATGCACG
Gene 3	GGCTT_TAGGCTAAAA
Gene 4	GACTTAGGCA_GACTT
Gene 5	CTA A CTAGCATGCAGG