

Fig. 1

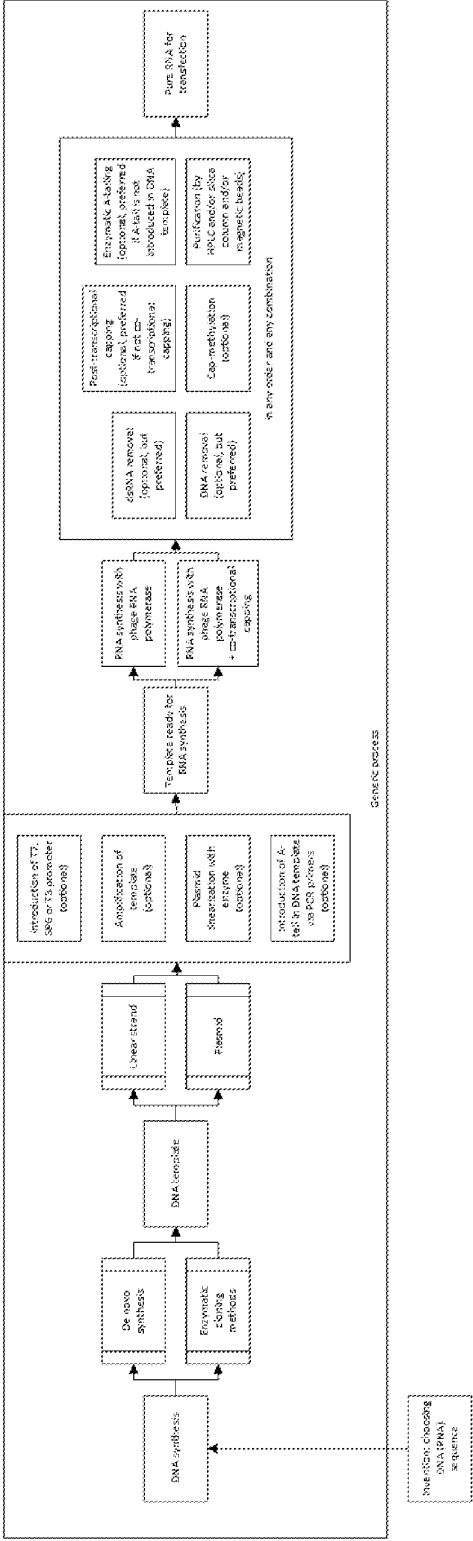


Fig. 2

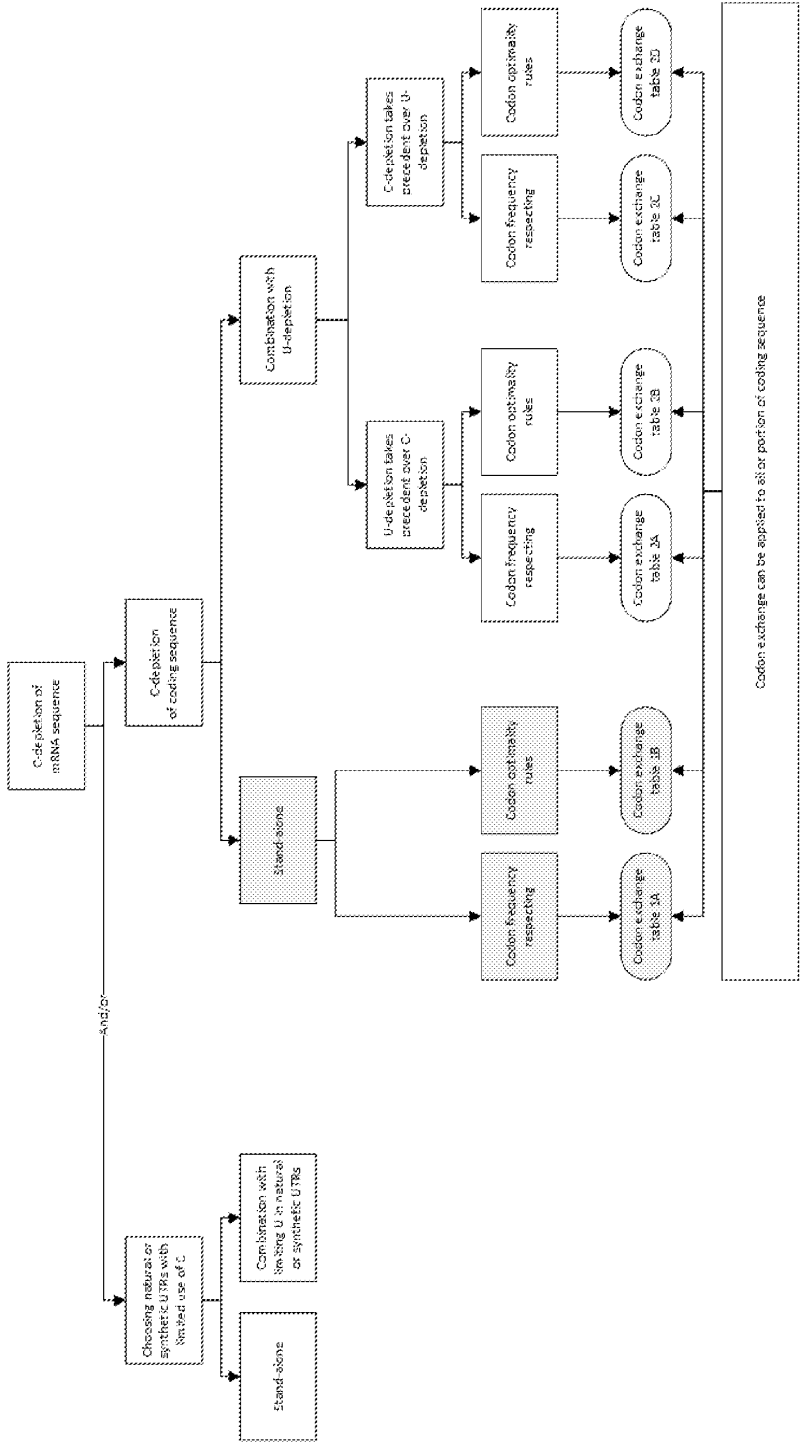


Fig. 3

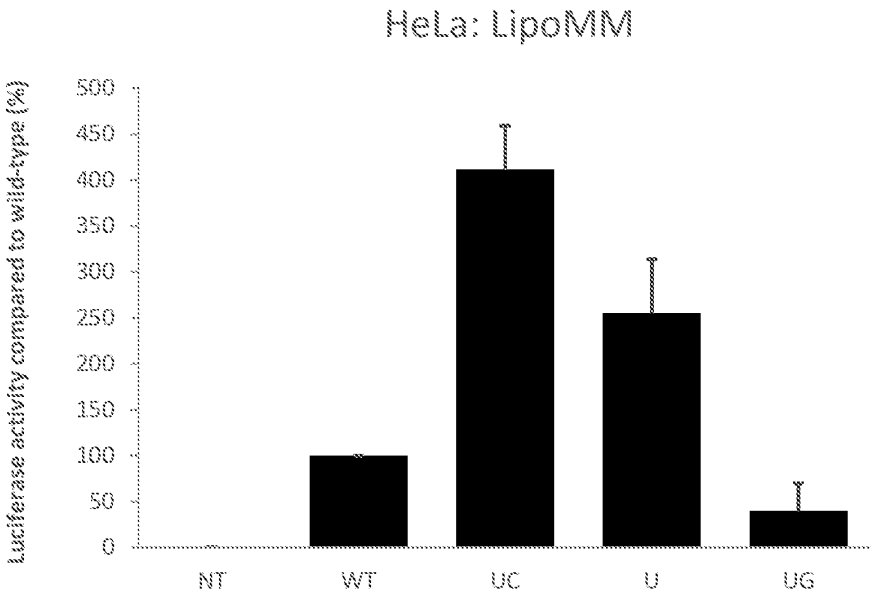


Fig. 4

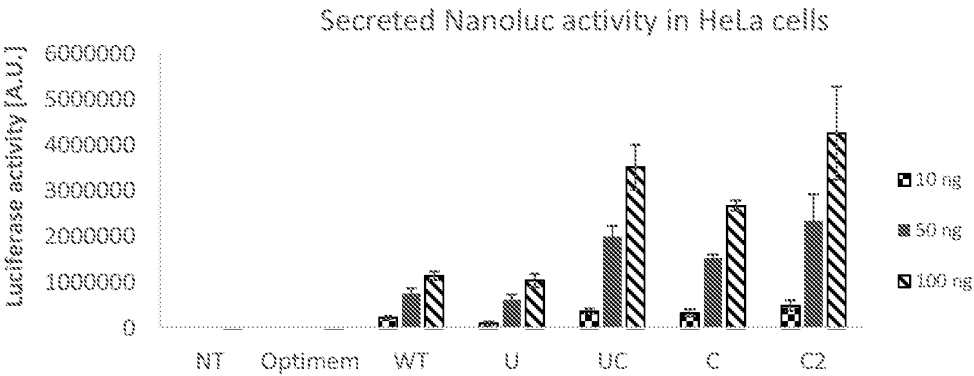


Fig. 5

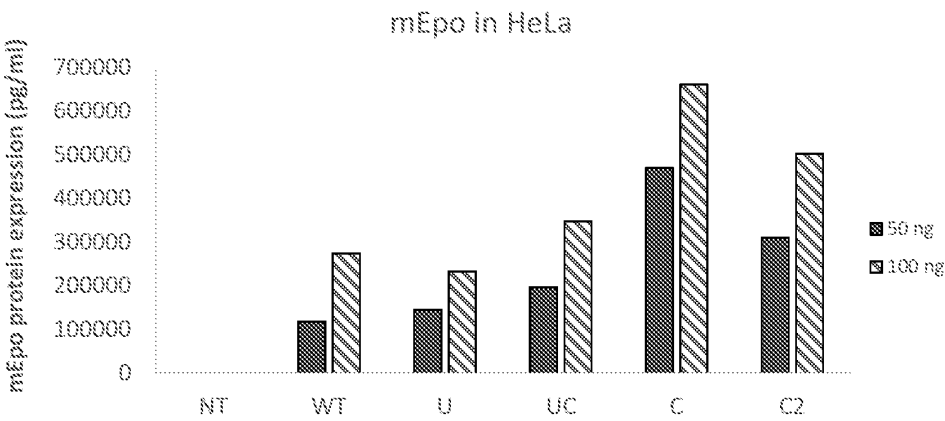


Fig. 6

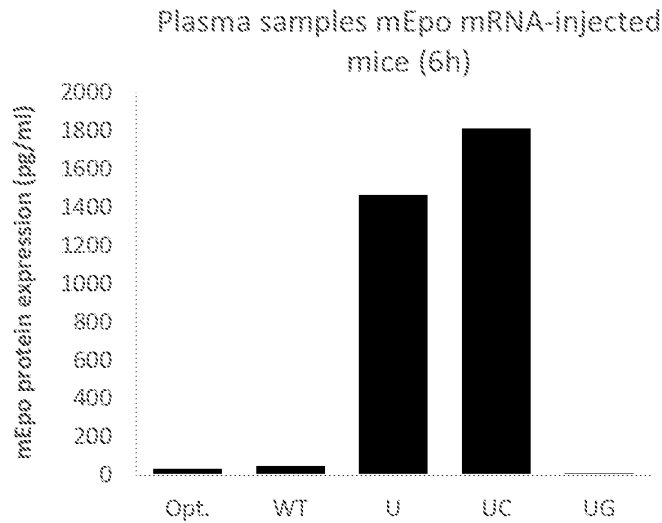


Fig. 7

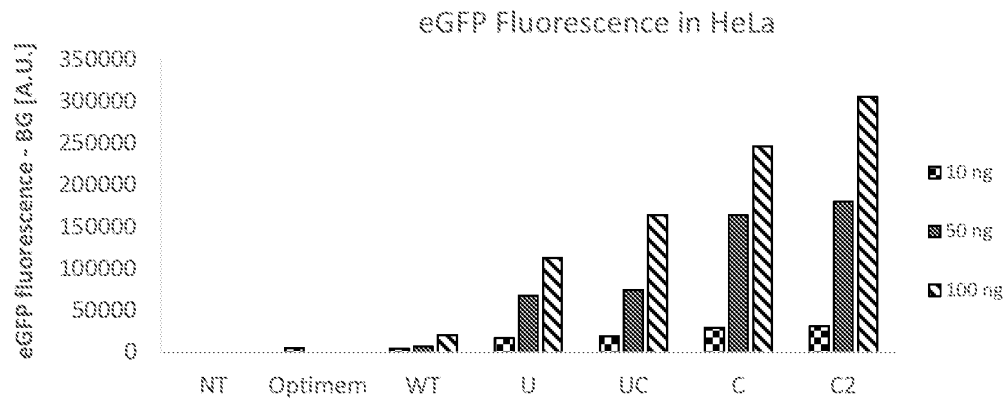


Fig. 8

Wed Apr 29, 2020 20:18 CEST

SecNLuc-WT.ape from 1 to 638

Alignment to

SecNLuc-U-depleted.apc--- Matches:554; Mismatches:44; Gaps:0; Unattempted:0

```
SecNLuc-UC-depletion.apc--  Matches:534; Mismatches:104; Gaps:0; Unattempted:0
secnluc-uc-depletion.apc--  Matches:516; Mismatches:92; Gaps:0; Unattempted:0
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SecNLuc-UG-depletion.apes--  Matches:546; Mismatches:92; Gaps:0; Unattempted:0
SecNLuc-Cndepletion.apes--  Matches:616; Mismatches:22; Gaps:0; Unattempted:0

```

SecNLuc-C-depletion.spe-- Matches:616; Mismatches:22; Gaps:0; Unattempted:0
SecNLuc-C2-depletion.spe-- Matches:577; Mismatches:61; Gaps:0; Unattempted:0

```
secntuc-c2-depiction.ape-- Matches:511; Mismatches:61; Gaps:0; Unattempted:0
```

[illegible][illegible]

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[illegible]

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```
eGFP-U-depleted.apc-- Matches:745; Mismatches:13; Gaps:0; Unattempted:0
eGFP-UC-depleted.apc-- Matches:682; Mismatches:76; Gaps:0; Unattempted:0
eGFP-UG-depleted.apc-- Matches:670; Mismatches:88; Gaps:0; Unattempted:0
eGFP-C-depleted.apc-- Matches:699; Mismatches:59; Gaps:0; Unattempted:0
eGFP-C2-depleted.apc-- Matches:666; Mismatches:85; Gaps:0; Unattempted:0
```

[illegible]

Fig. 10

Wed Apr 29, 2020 20:31 CEST

mEPO-WT.ape from 1 to 615

Alignment to

mEPO-U-depleted.ape-- Matches:566; Mismatches:49; Gaps:0; Unattempted:0

mEPO-UC-depleted.ape-- Matches:542; Mismatches:73; Gaps:0; Unattempted:0

mEPO-UG-depleted.ape-- Matches:521; Mismatches:94; Gaps:0; Unattempted:0

mEPO-C-depleted.ape-- Matches:595; Mismatches:20; Gaps:0; Unattempted:0

mEPO-C2-depleted.ape-- Matches:556; Mismatches:57; Gaps:4; Unattempted:0

```
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* * * * *
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```

Fig. 11

Secreted Nano Luciferase (secNLuc)

Nucleotide	C2-depleted	C-depleted	WT	U-depleted	UC-depleted	UG-depleted
C	115 / 18.0% (67.6%)	148 / 23.2% (87.1%)	170 / 26.6% (100%)	210 / 32.9% (123.5%)	154 / 24.1% (81%)	232 / 36.4% (136%)
U	138 / 21.6%	138 / 21.6%	138 / 21.6%	105 / 16.5%	97 / 15.2%	103 / 16.1%
G	191 / 29.9%	178 / 27.9%	176 / 27.6%	167 / 26.2%	197 / 30.8%	119 / 18.7%
A	194 / 30.4%	174 / 27.3%	154 / 24.1%	159 / 24.9%	190 / 29.7%	184 / 28.8%

Enhanced Green Fluorescent Protein (eGFP)

Nucleotide	C2-depleted	C-depleted	WT	U-depleted	UC-depleted	UG-depleted
C	165 / 21.8% (64.6%)	191 / 25.2% (75.2%)	250 / 33.0% (100%)	262 / 34.6% (119%)	184 / 24.3% (83.6%)	292 / 38.5% (133%)
U	102 / 13.5%	102 / 13.5%	102 / 13.5%	98 / 12.9%	95 / 12.5%	98 / 12.9%
G	233 / 30.7%	222 / 29.3%	216 / 28.5%	207 / 26.9%	239 / 31.5%	132 / 17.4%
A	258 / 34.0%	243 / 32.1%	190 / 25.1%	191 / 25.2%	240 / 31.7%	236 / 31.1%

Murine Erythropoietin (mEPO)

Nucleotide	C2-depleted	C-depleted	WT	U-depleted	UC-depleted	UG-depleted
C	122 / 19.8% (70.5%)	153 / 24.9% (88.4%)	173 / 28.1% (100%)	210 / 34.1% (121%)	166 / 27.0% (96.0%)	227 / 36.9% (131%)
U	126 / 20.5%	126 / 20.5%	126 / 20.5%	89 / 14.5%	85 / 13.8%	89 / 14.5%
G	183 / 29.8%	161 / 26.2%	160 / 26.0%	148 / 24.1%	168 / 27.3%	103 / 16.7%
A	184 / 29.9%	175 / 28.5%	156 / 25.4%	168 / 27.3%	196 / 31.9%	196 / 31.9%