

1/15

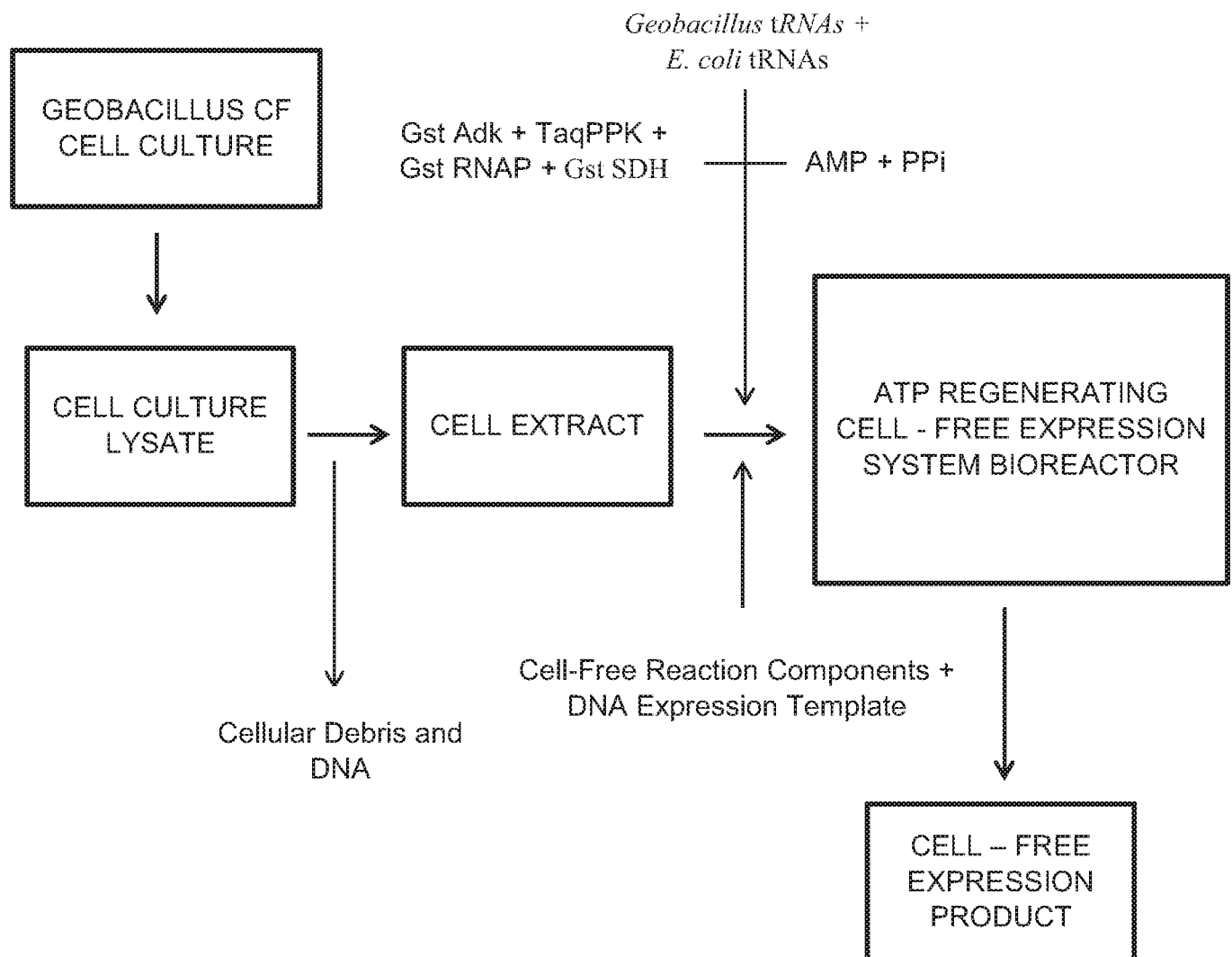


Figure 1a

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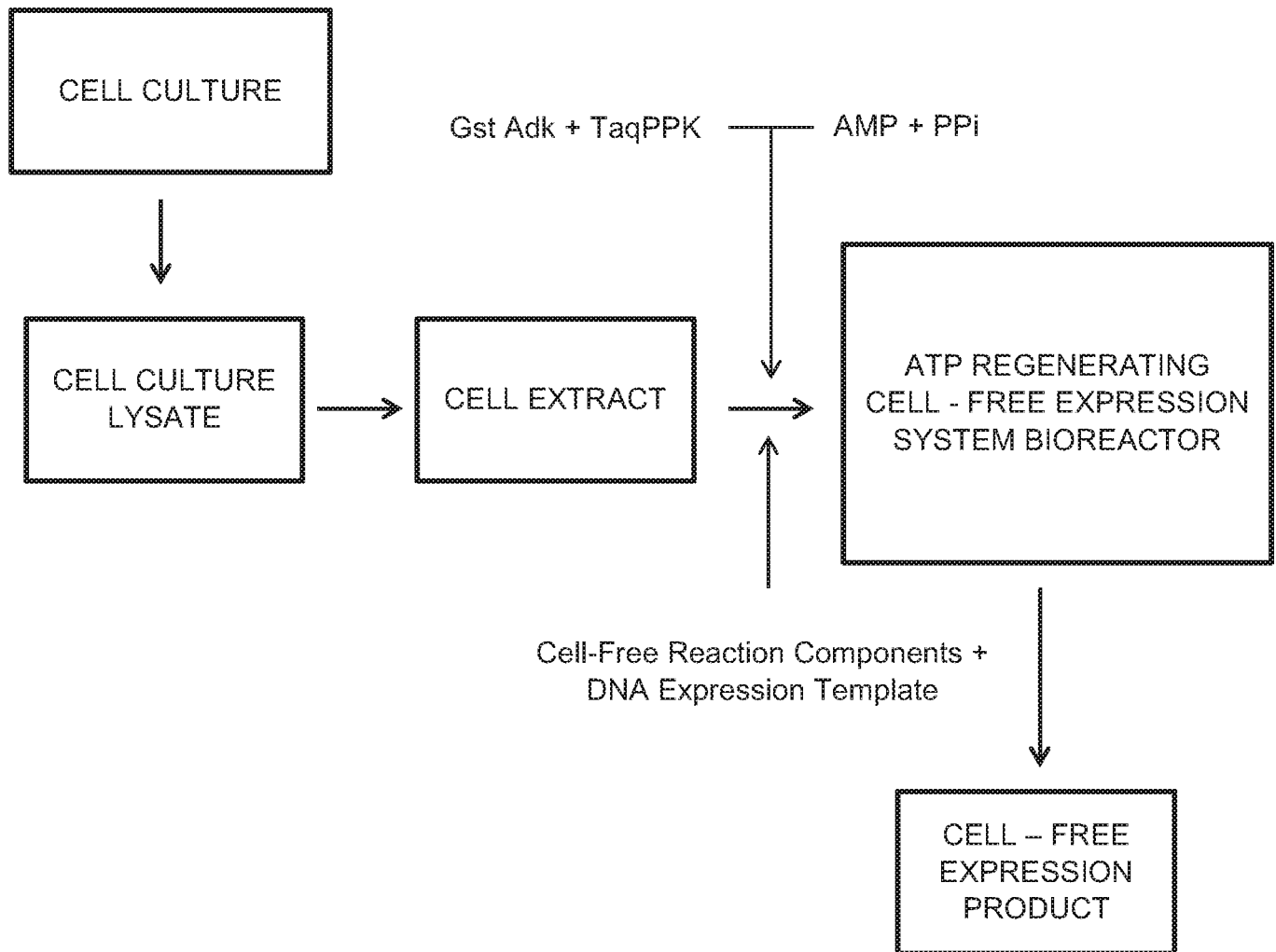


Figure 1a

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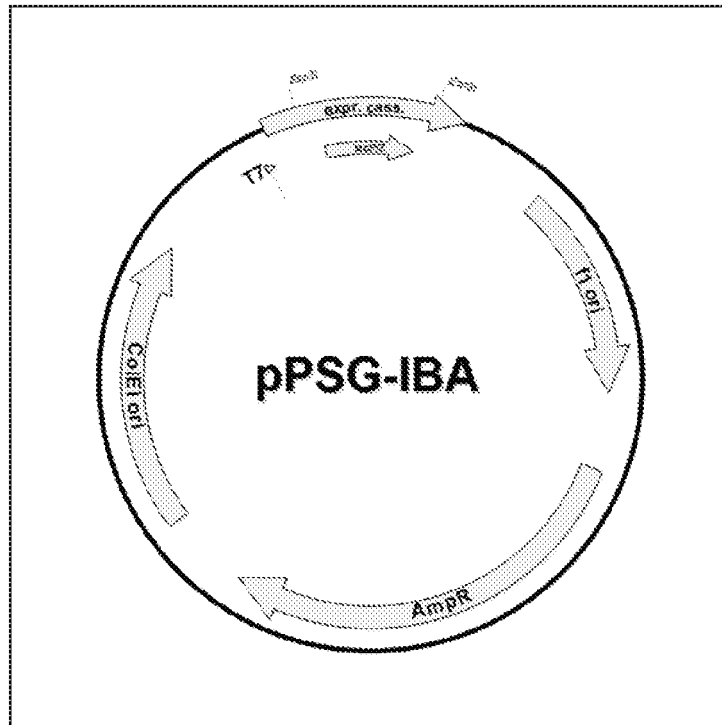


Figure 2a

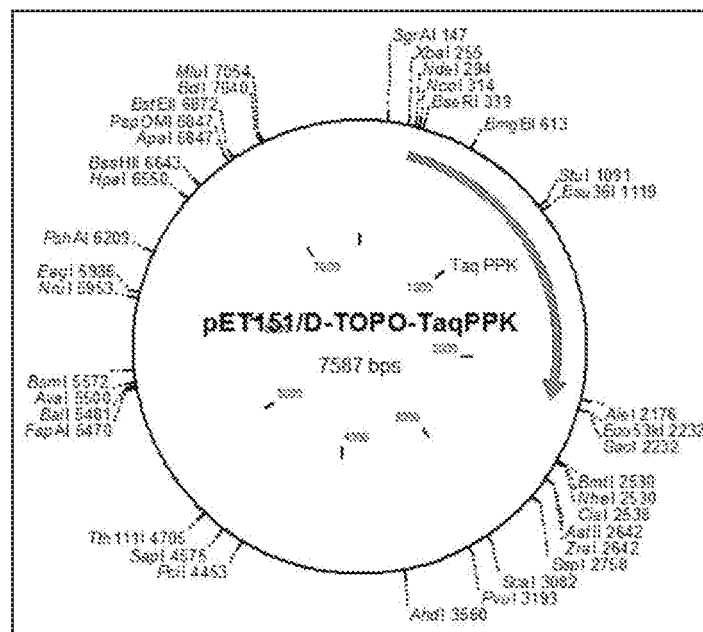


Figure 2b

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Sequence ID	RNAP subunit	Additional aa native protein sequence	Protein size (aa)
SEQ ID. NO: 1	alpha	GS	315
SEQ ID. NO: 2	beta	GS	1191
SEQ ID. NO: 4	beta'(opt)	GSAHHHHHH	1208
SEQ ID. NO: 5	delta	GS	187
SEQ ID. NO: 6	omega	GS	68
Sequence ID	Transcription factor	Additional aa protein sequence	Protein size (aa)
SEQ ID. NO: 7	RpoD	M-His6-V5-TEV	408

Figure 3

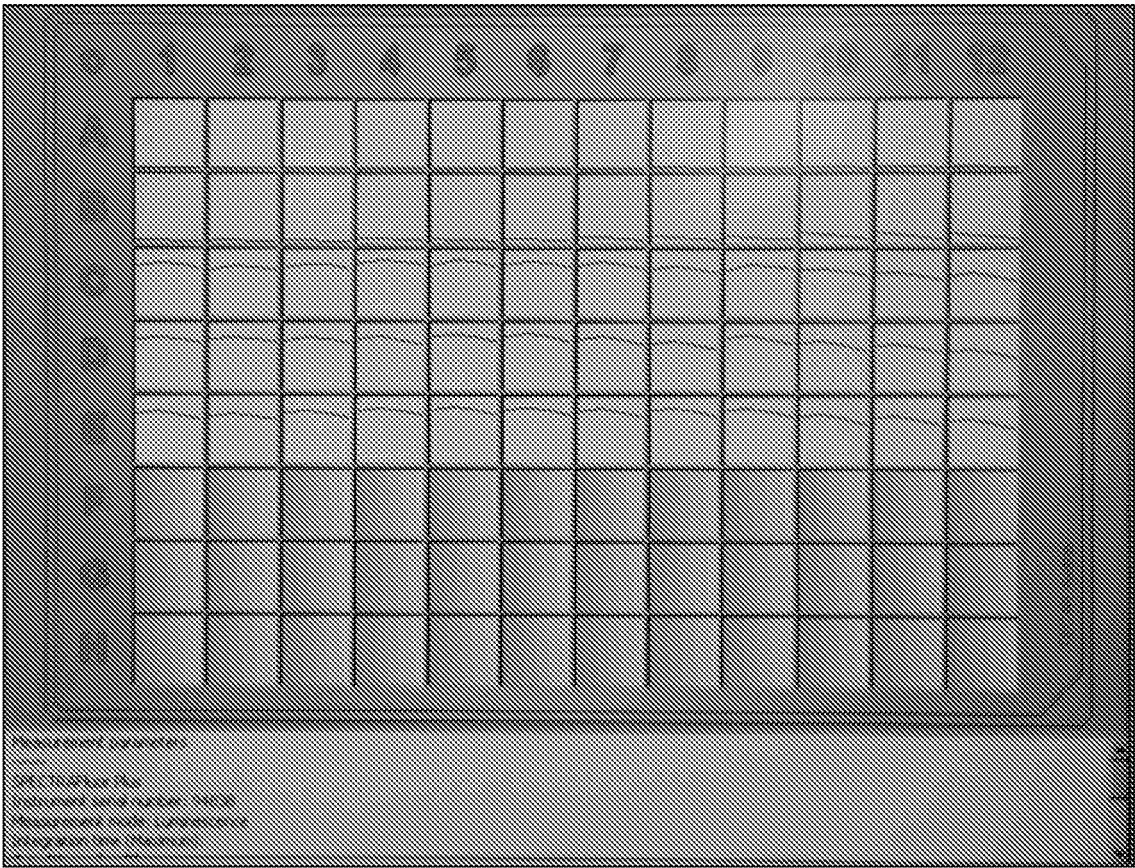


Figure 4

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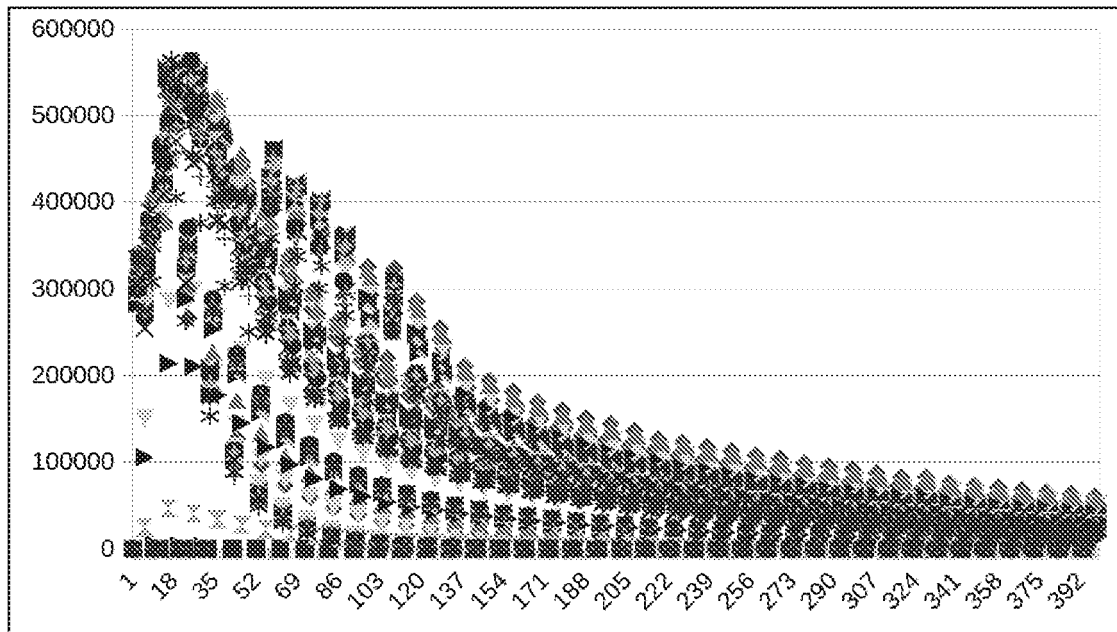


Figure 5

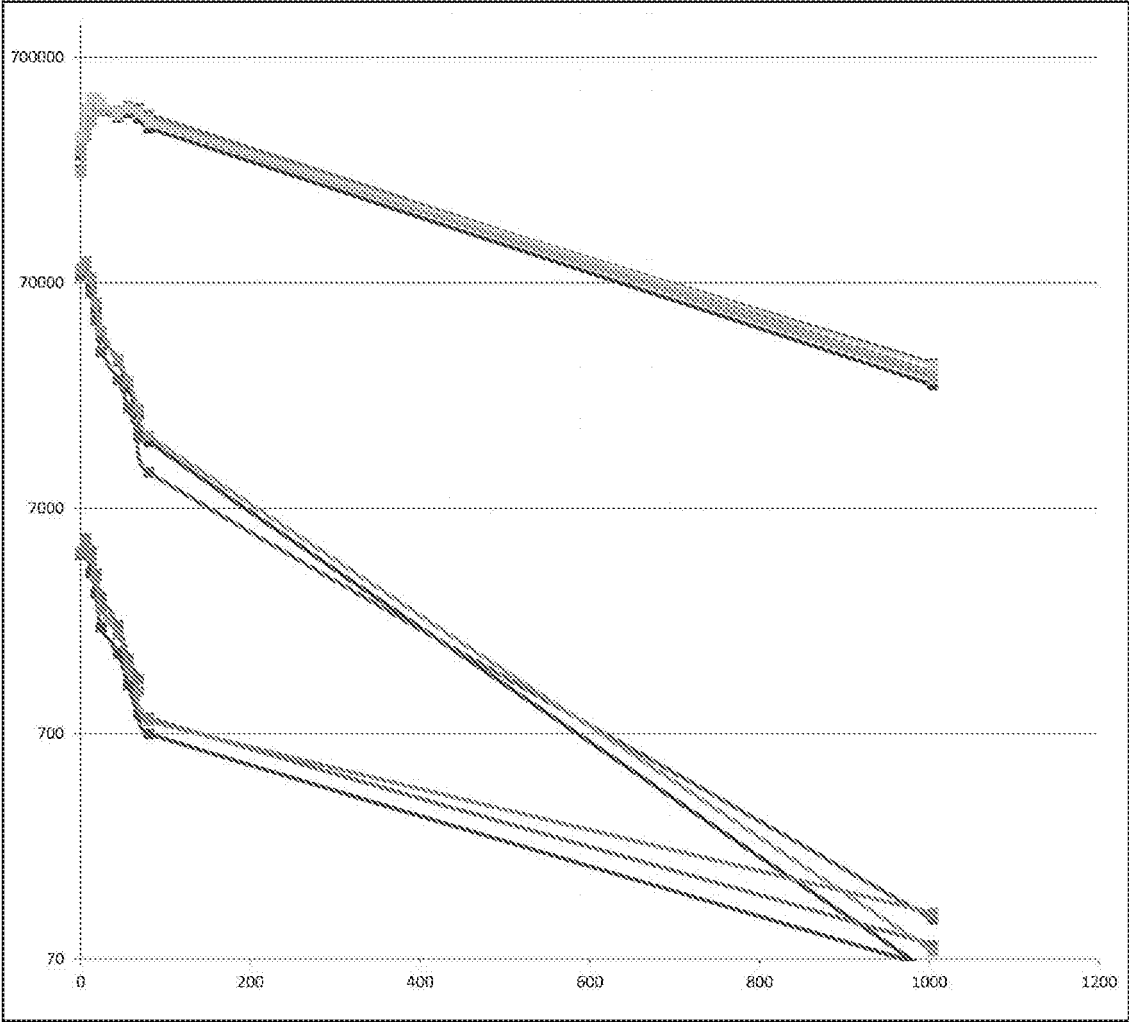


Figure 6

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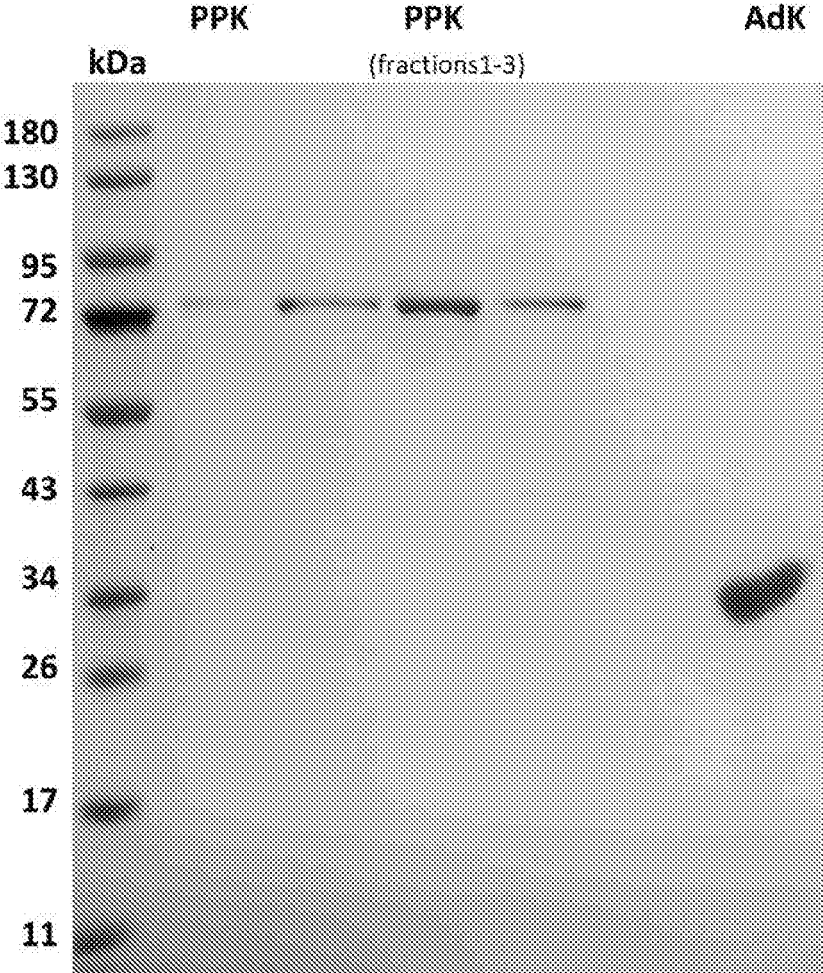


Figure 7

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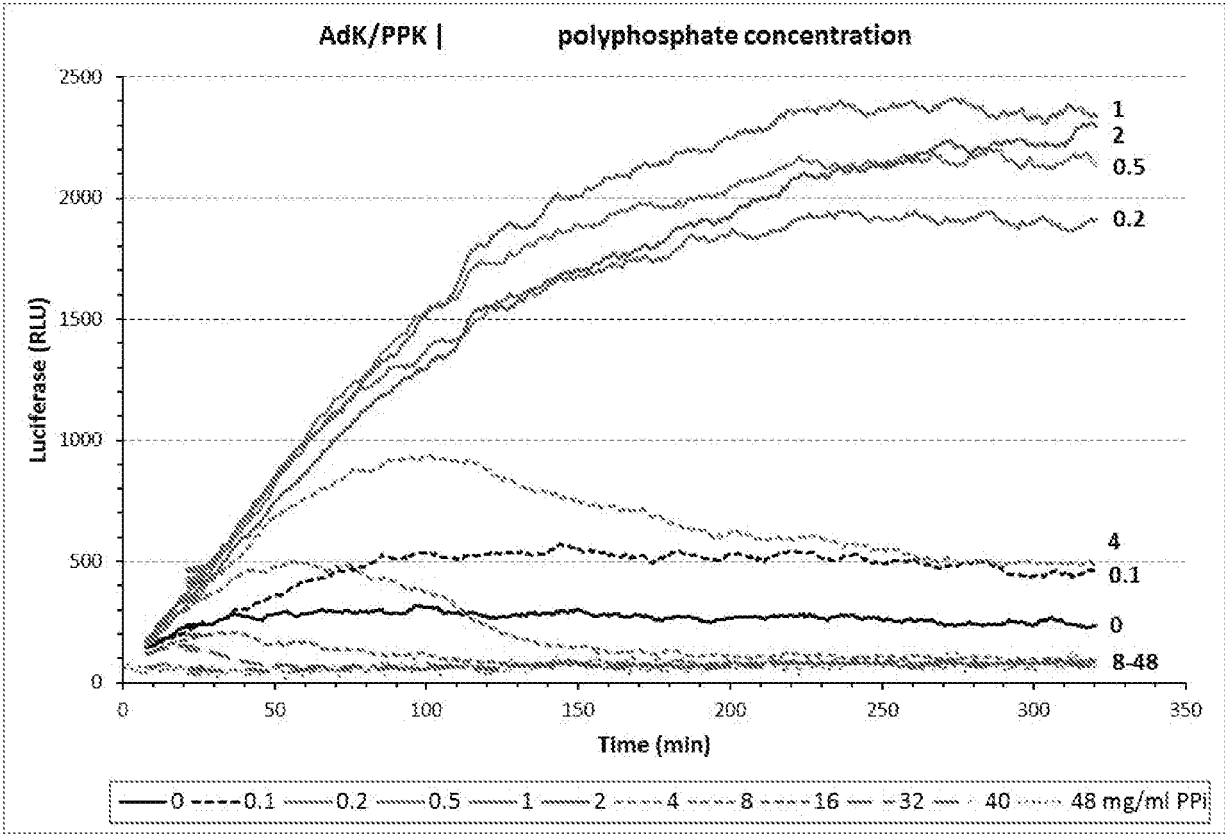


Figure 8

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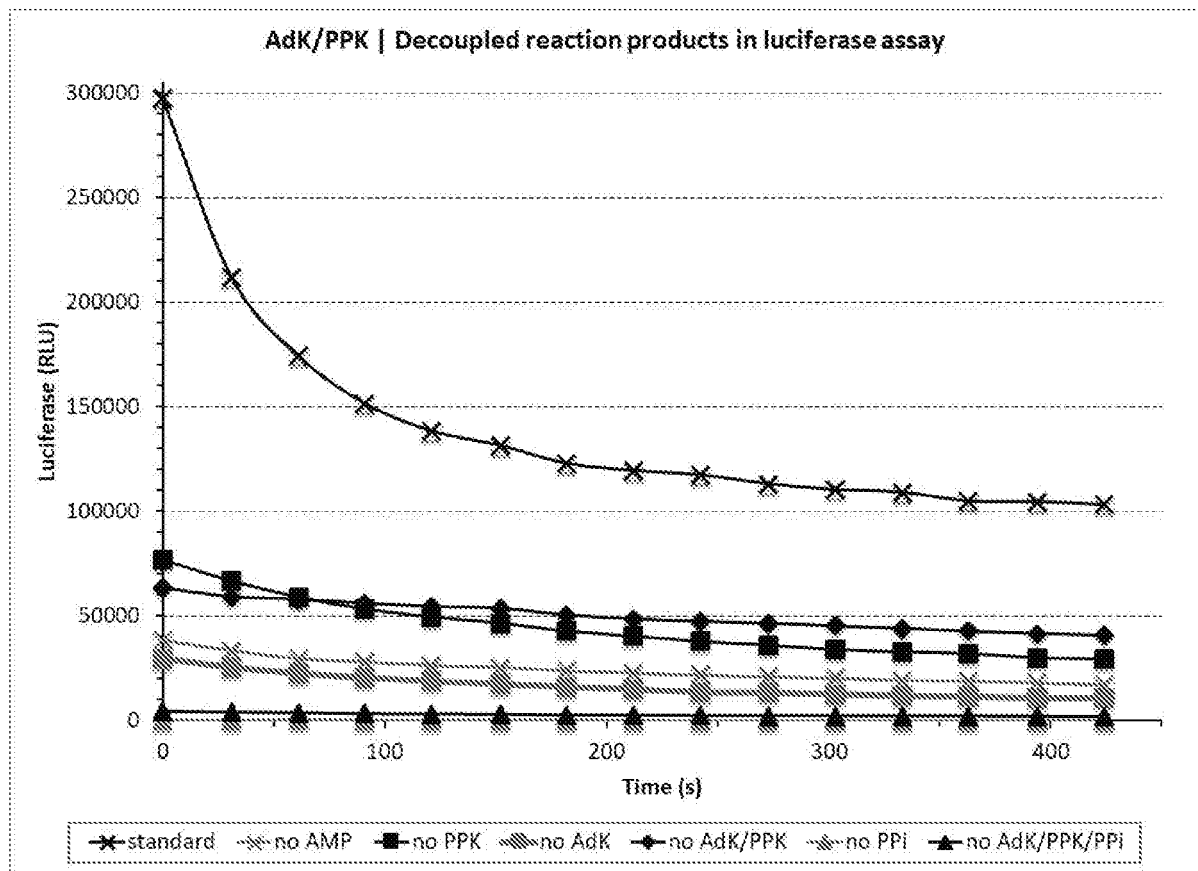


Figure 9

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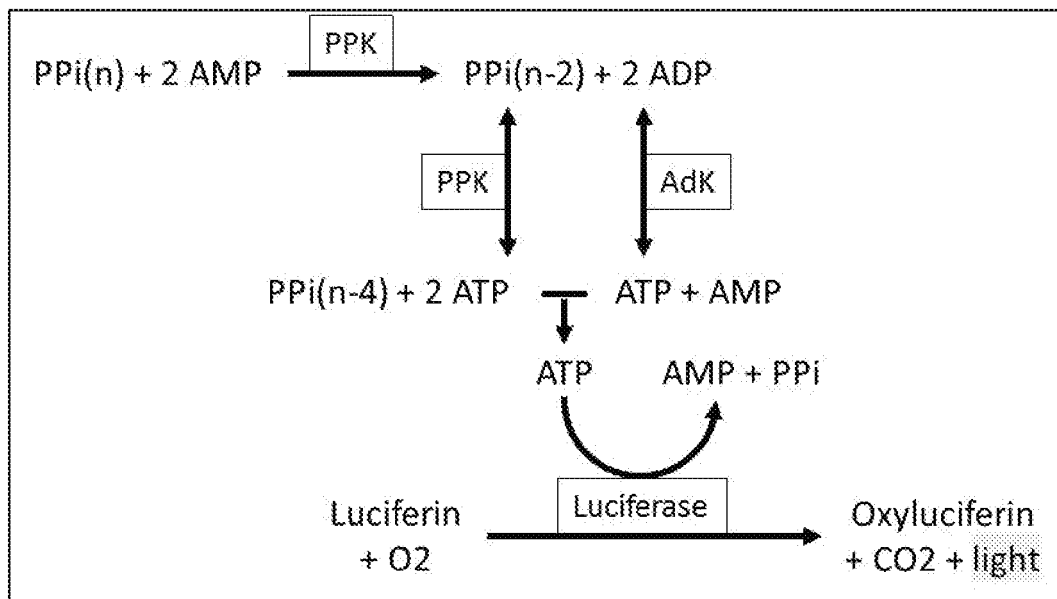


Figure 10

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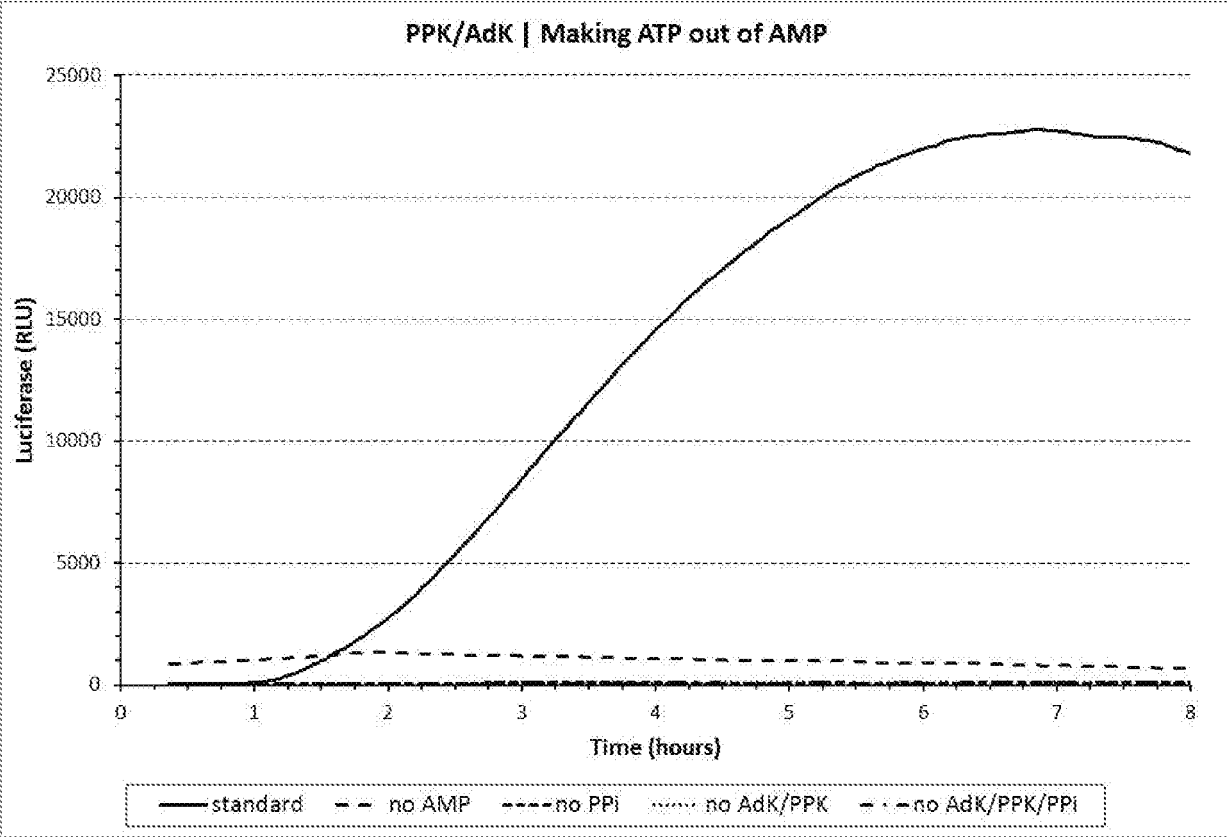


Figure 11

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TagFFK Liter      3 -----XNLLFEYENLQENNVVLQGEHPDXFLLEPMRFLAINNAGLUETAAAHIAFFLNNR
TagFFK expre      1 NNNNNNNNCKFIENFLGLISTENLYFQGIDEFI.....

TagFFK Liter      58 GSEASNLKLLKEAEDQSRLAEGFYRALLAEAAFRHFIHLSFEELESLNLVFNVFLAEVYVPMTELLANEAASAEASGALYFASDCHLVPLP
TagFFK expre      81 .....

TagFFK Liter      148 QELFRLLEVPFGKEGYVRLGNINRAKGEIIFVRESFLVEFFVLRILLEGERAKAENDELAQALEGRQEGISTILLVAERGFPPGWLEGLQEA
TagFFK expre      181 .....

TagFFK Liter      238 LGLLFESEVILLSEPELINITIVETLVAREGESRKKFFFLKFFNFRATMNNELKRLQRFQGLVLYNPFEDYAALESFNAALSERVEKVENTLYR
TagFFK expre      271 .....

TagFFK Liter      328 NGEANFLKEALIQASRAAGHPVUVLLEFRARFHEELNLGNILRFELASVAVIPLSERKVVHRAILLITQKGEHNNLGTENYDFQGEPPQYTG
TagFFK expre      361 .....

TagFFK Liter      418 NSLPTAHNEVVMHNVSEFFHALQEGTFHMLNLTGEANQELLLEHHPAESCHHNSRILLFONNHLTHKLLCALANAAQSHKRVGLYVRSL
TagFFK expre      481 .....

TagFFK Liter      508 TLLHPHNNANGLVGRFLEHARVAAFTQGGKALYLUSADLDPSNFGQNRPELLEFFVLQVESHAKVLEVLEKQILNDONHAFLLSPGHETFLN
TagFFK expre      541 .....

TagFFK Liter      598 GGRHHAQNILAN
TagFFK expre      621 .....

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Figure 12

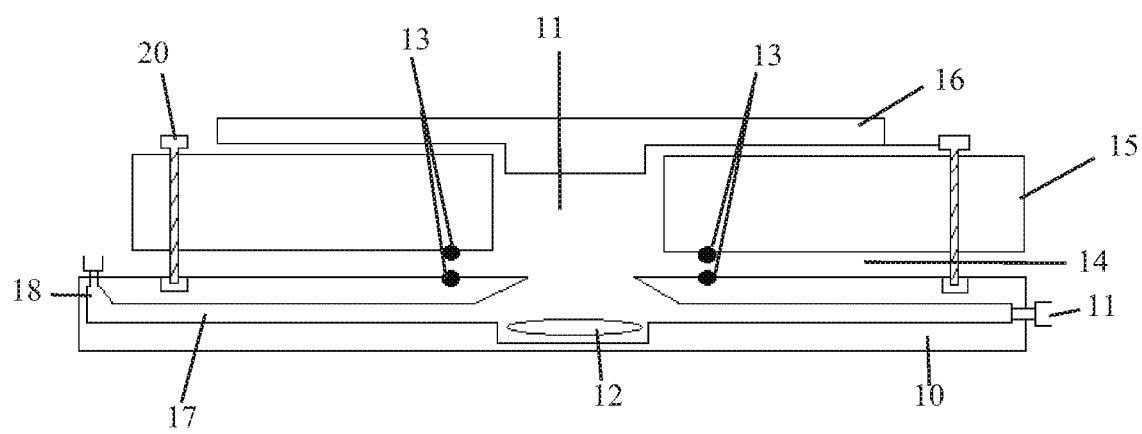


Figure 13a

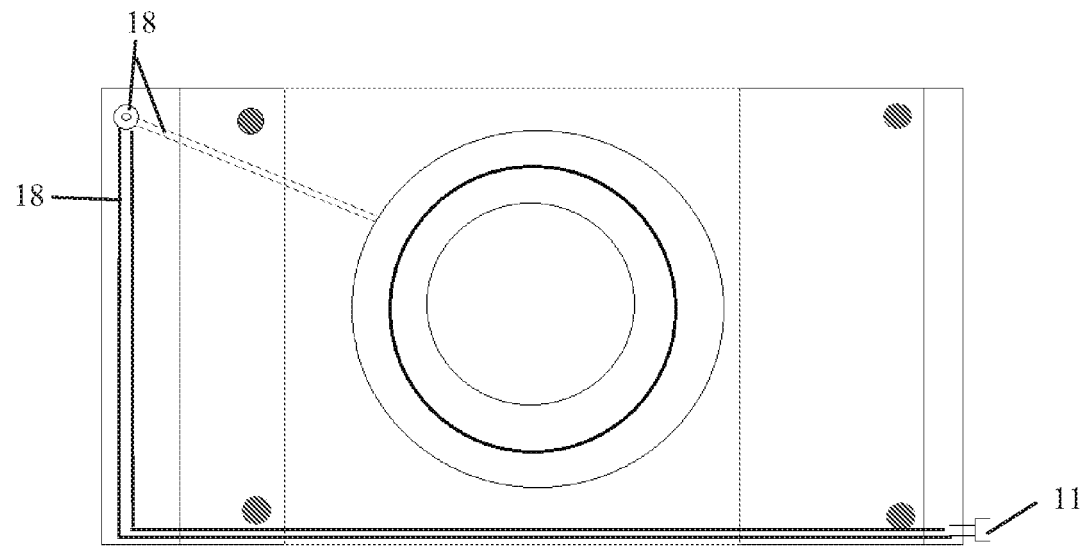


Figure 13a

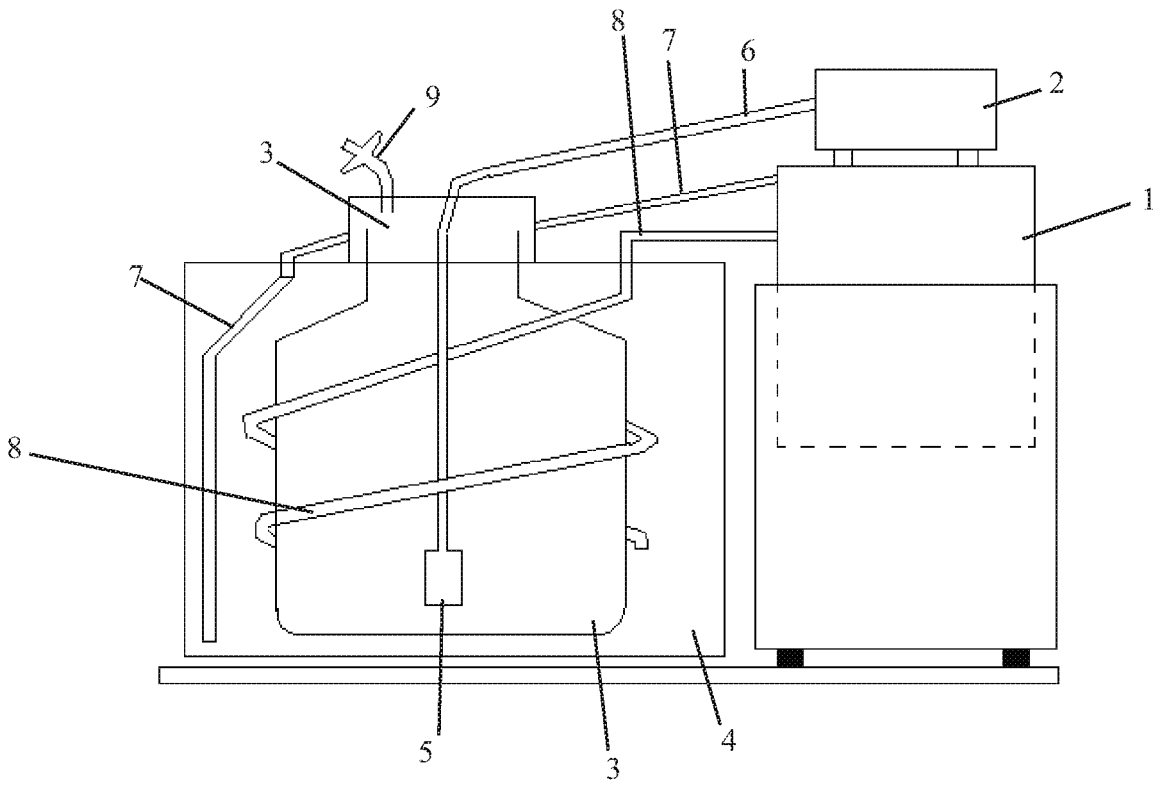


Figure 14