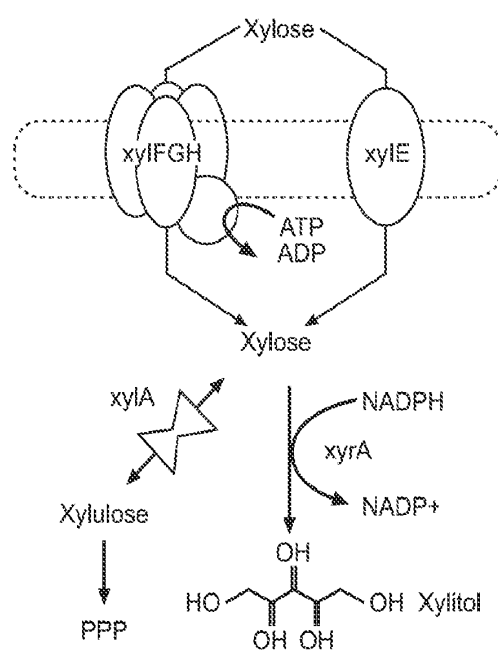


**FIG. 1**

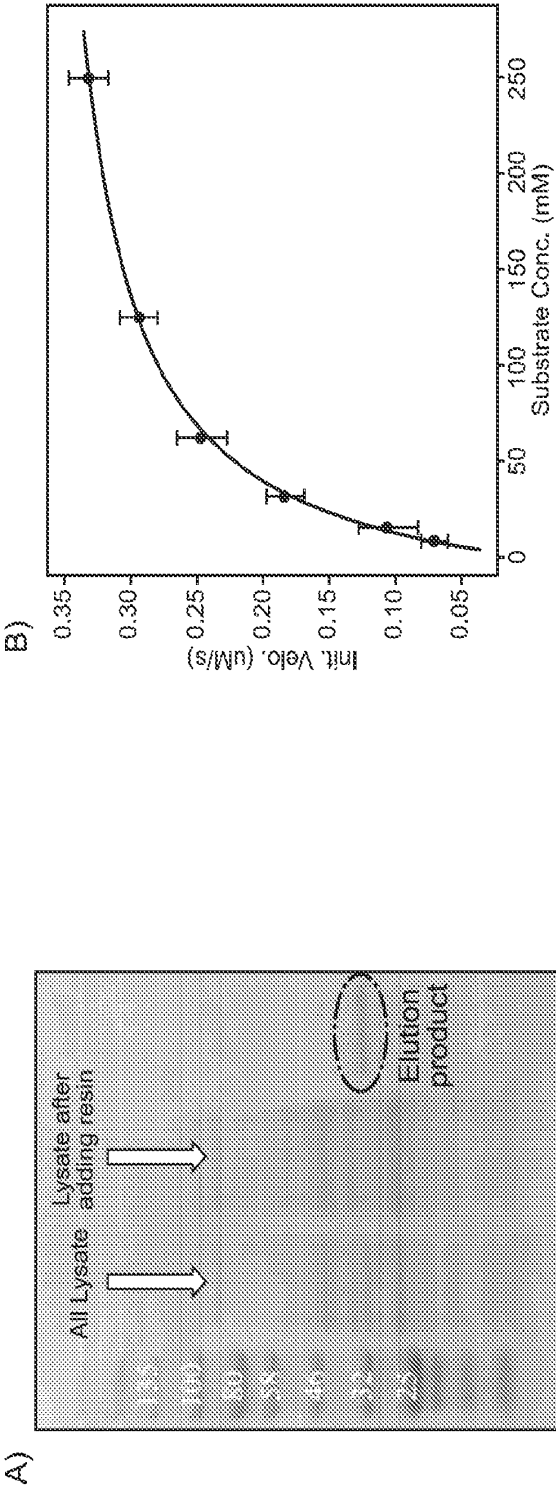


FIG. 2B

FIG. 2A

C)

	Vmax(U)	Kcat(s ⁻¹)	Km(uM)	Source
1	75		39	1
2		13	96	2
3	23.2		42	3
4	22.6	13.5	35	This Study

FIG. 2C

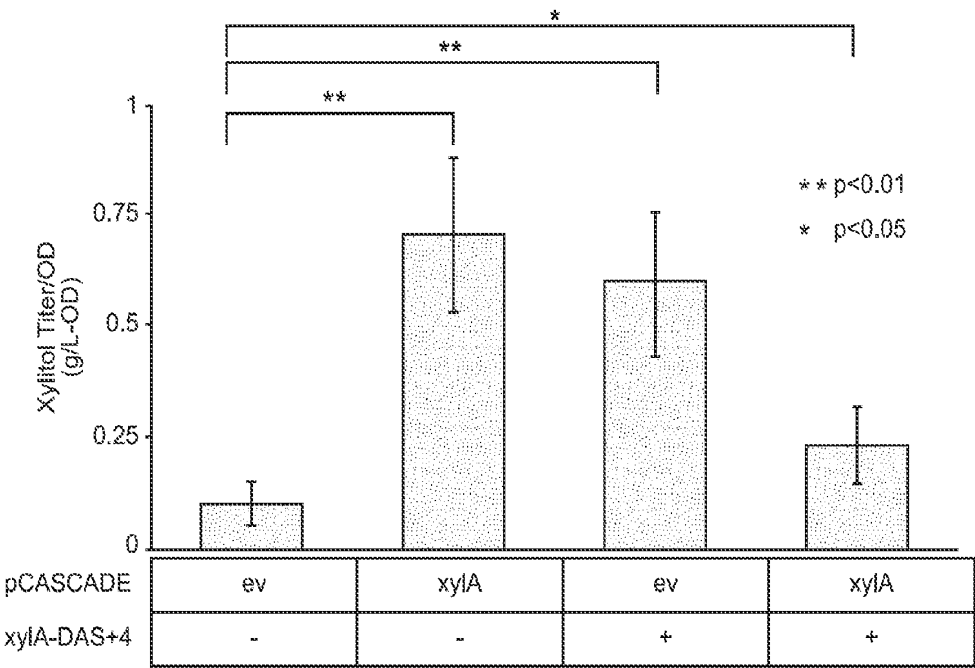


FIG. 3

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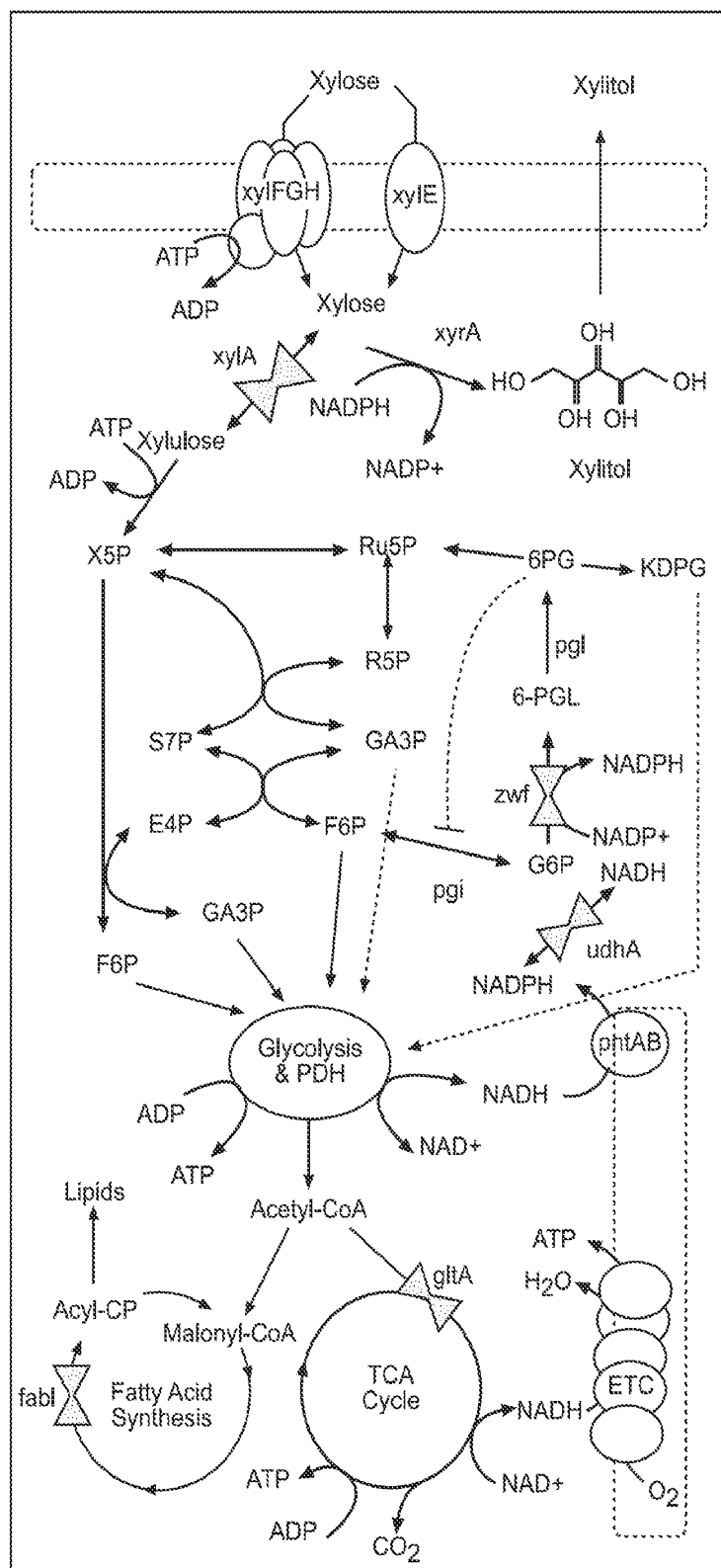


FIG. 4

SUBSTITUTE SHEET (RULE 26)

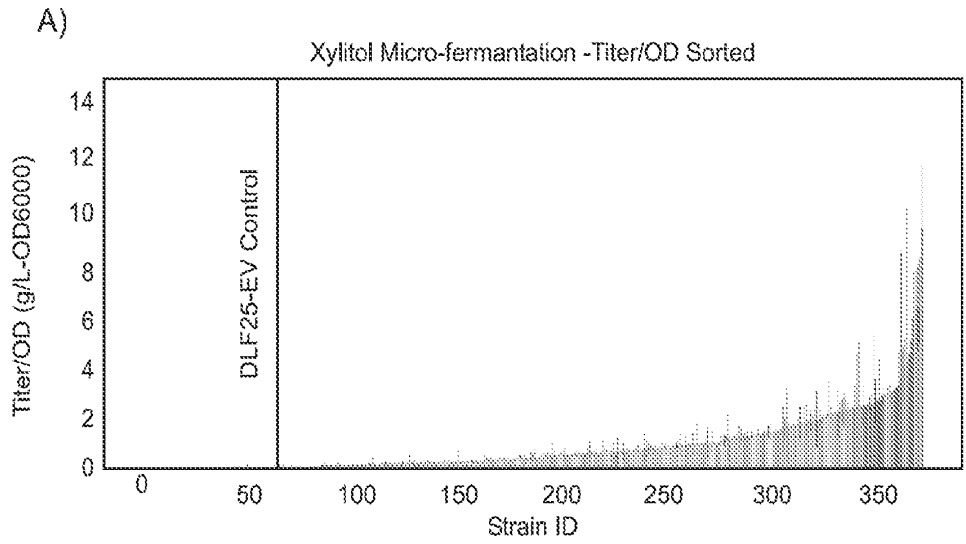


FIG. 5A

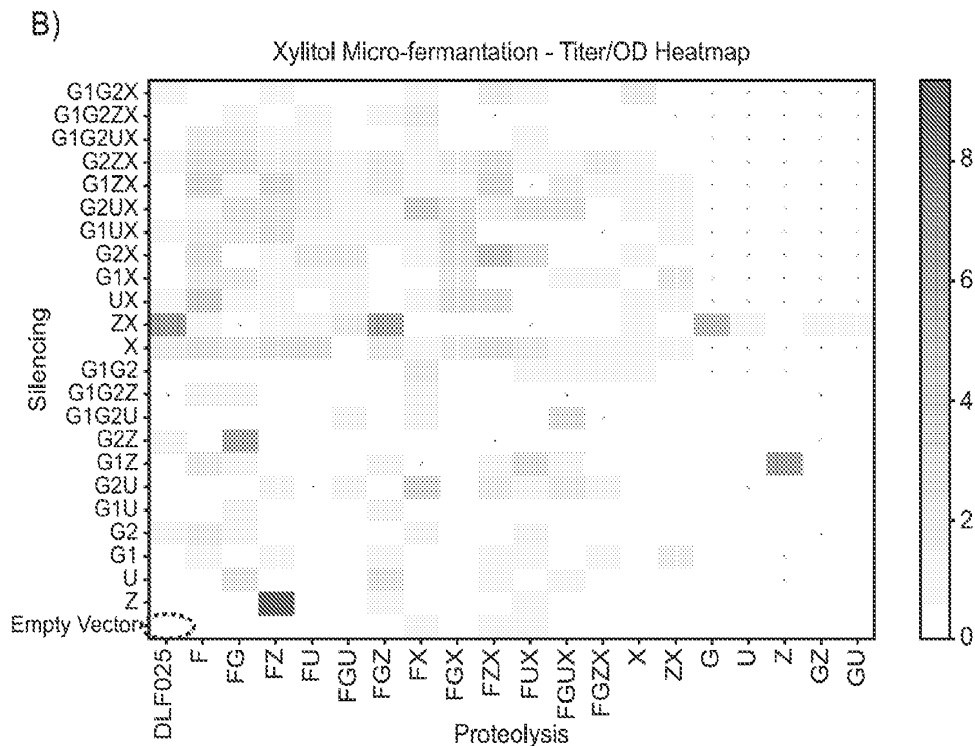
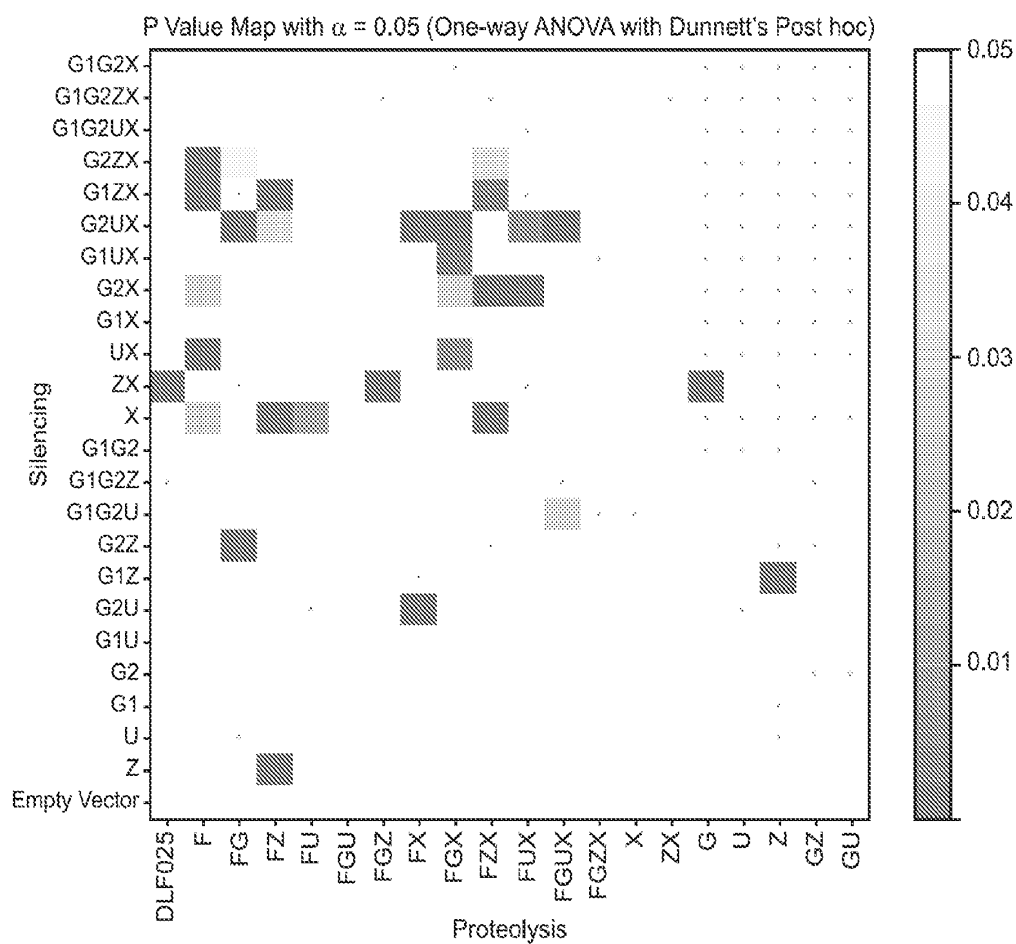


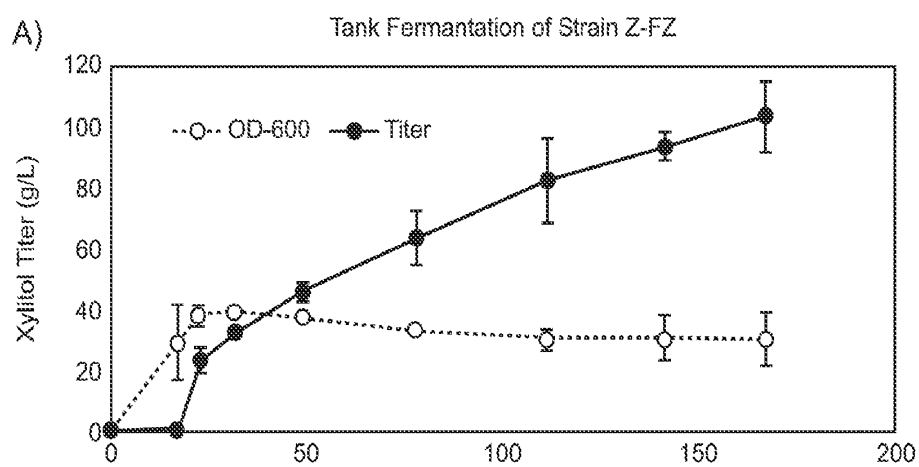
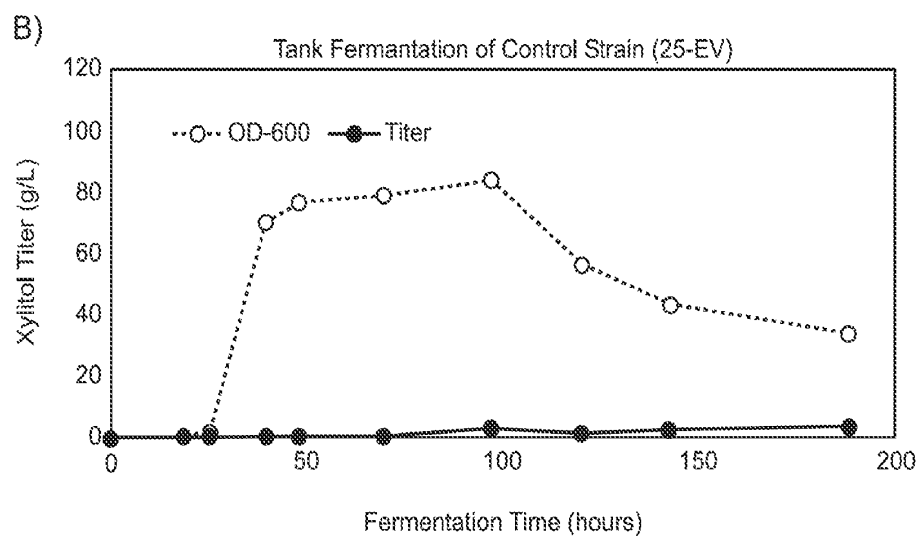
FIG. 5B

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**FIG. 6**

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**FIG. 7A****FIG. 7B**

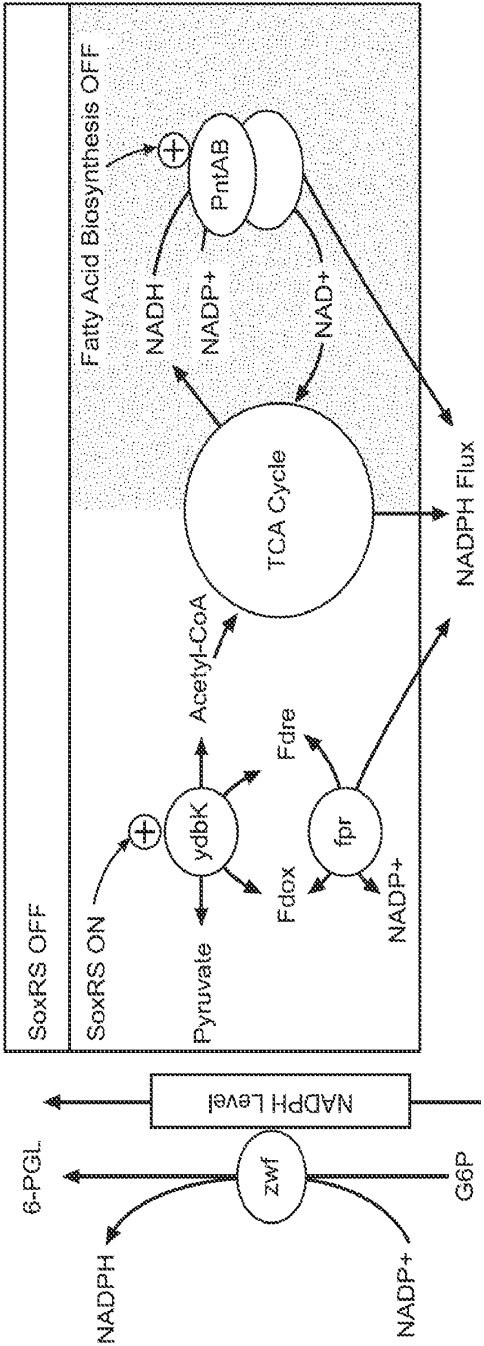


FIG. 8

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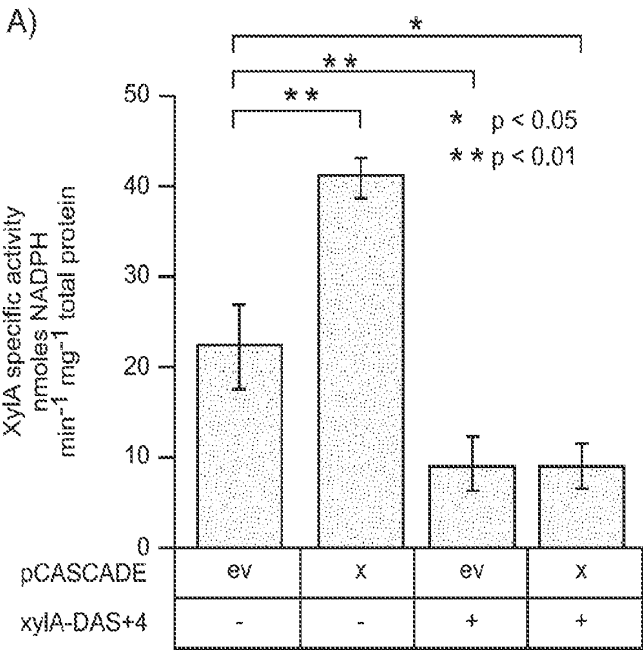


FIG. 9A

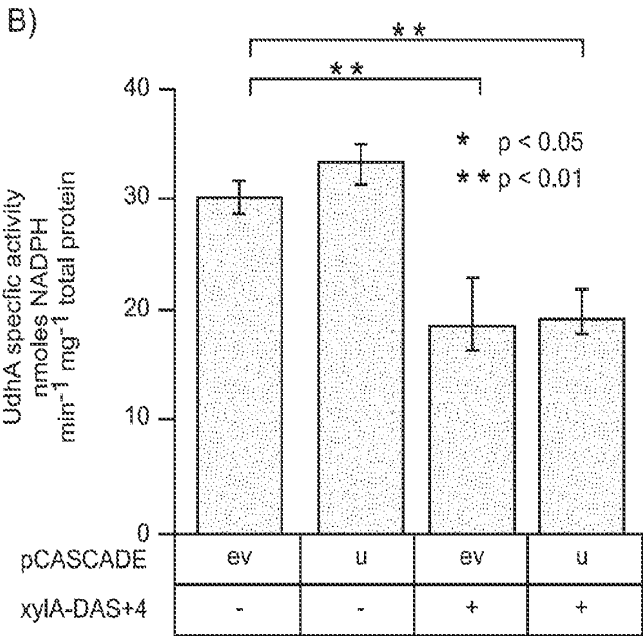


FIG. 9B

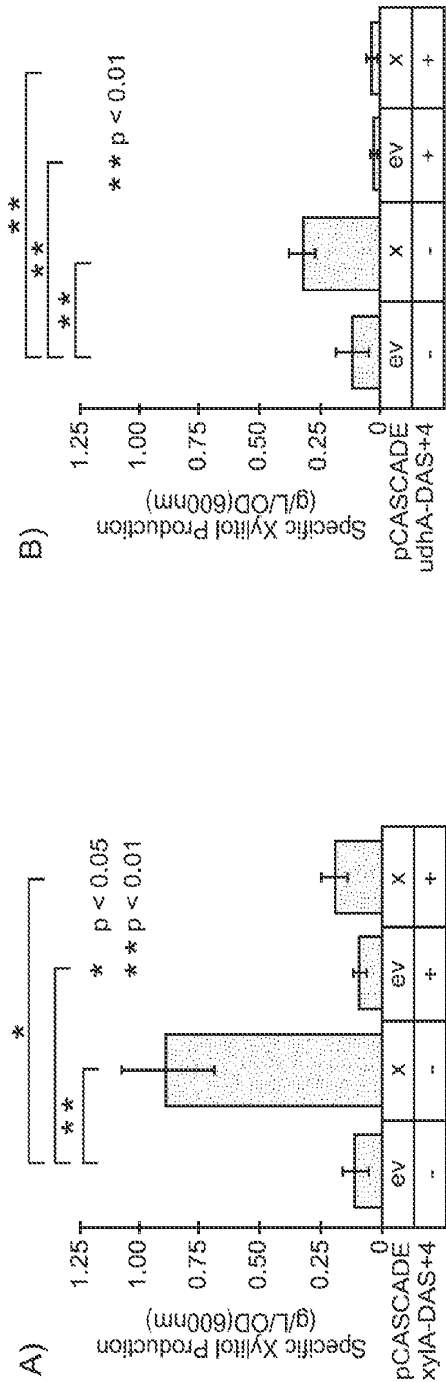


FIG. 10A

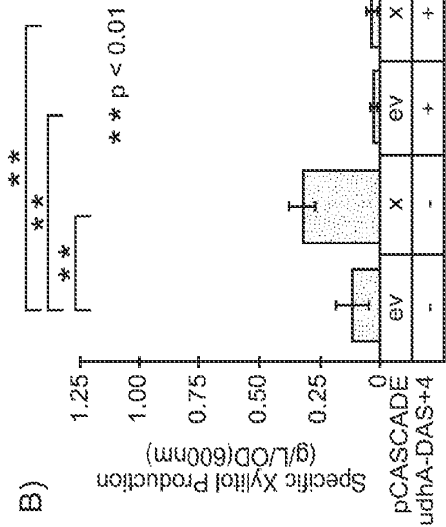


FIG. 10B

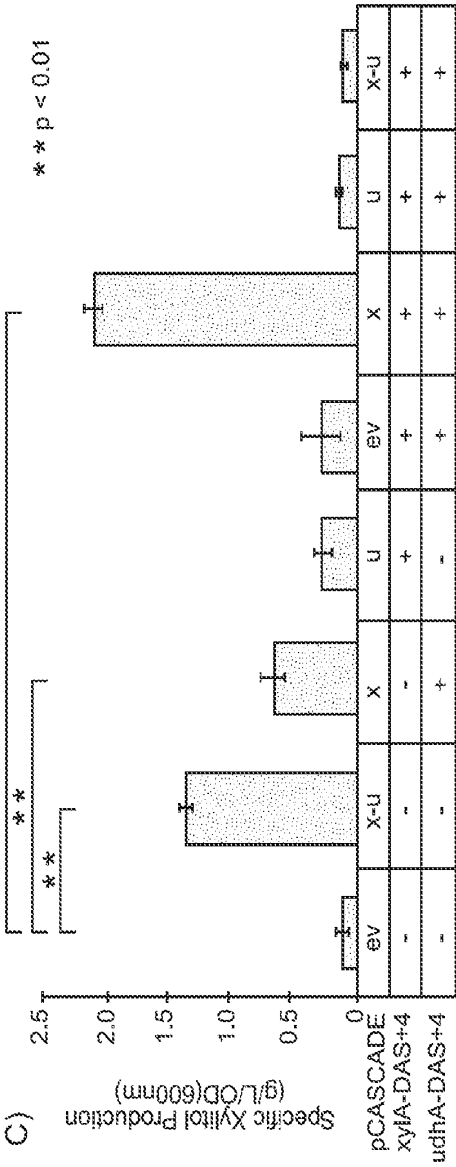


FIG. 10C

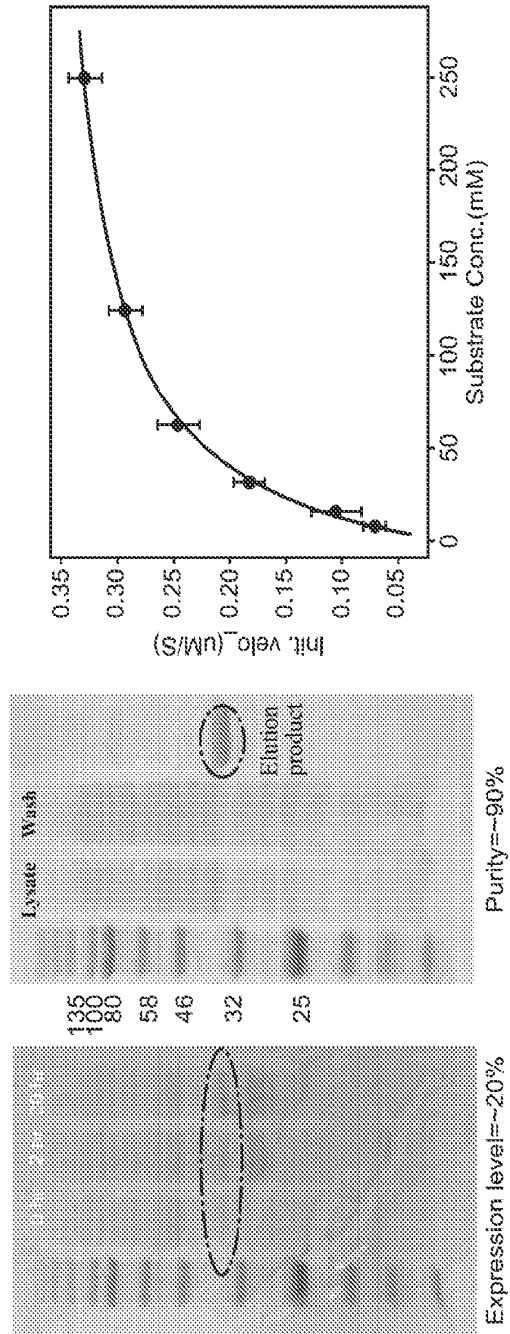


FIG. 11

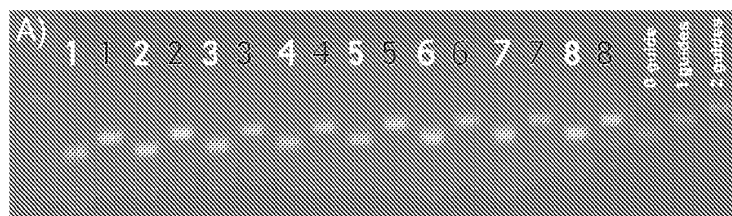


FIG. 13A

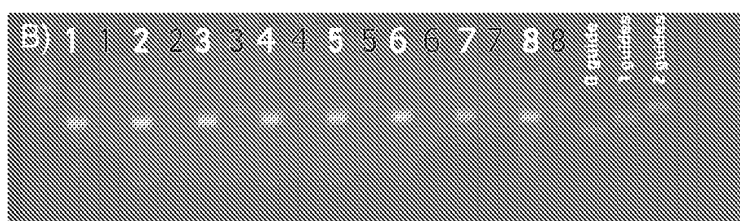


FIG. 13B

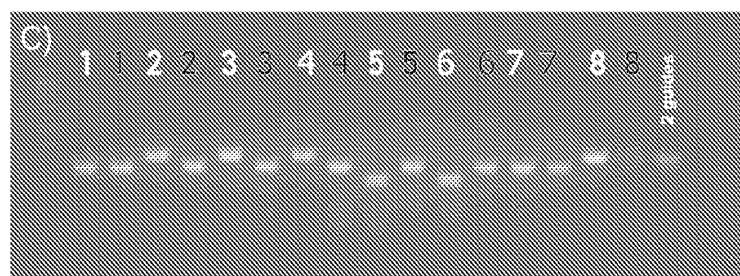


FIG. 13C

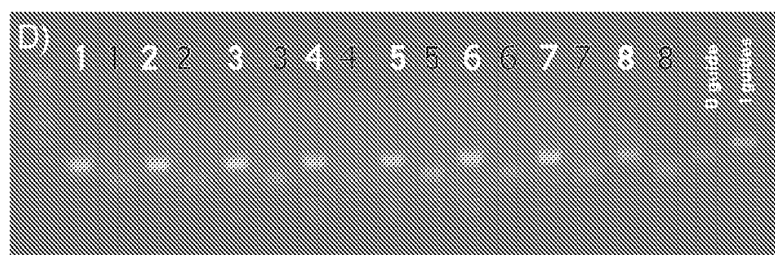
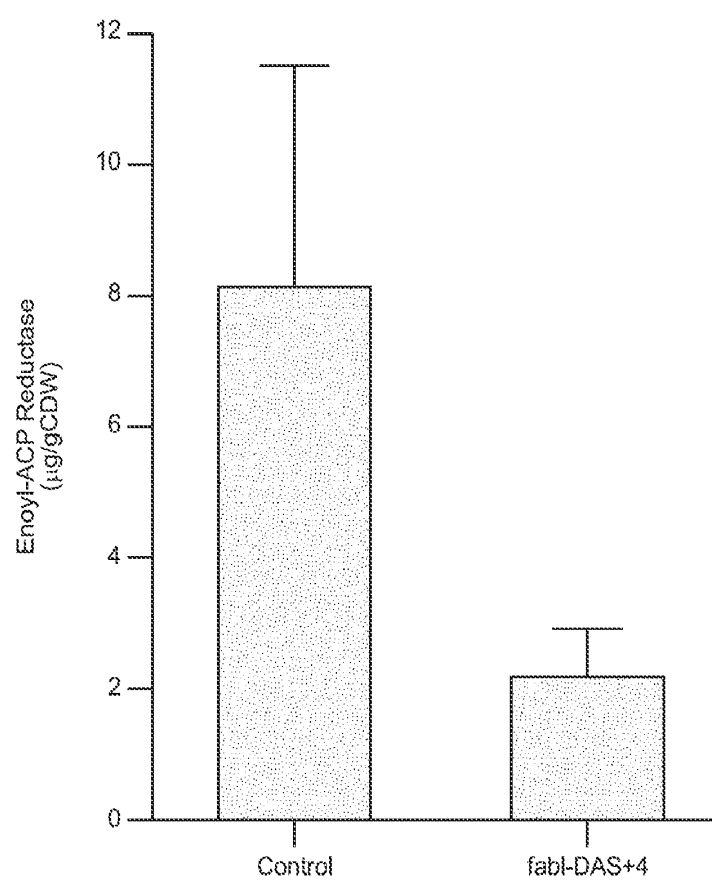


FIG. 13D

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**FIG. 14**

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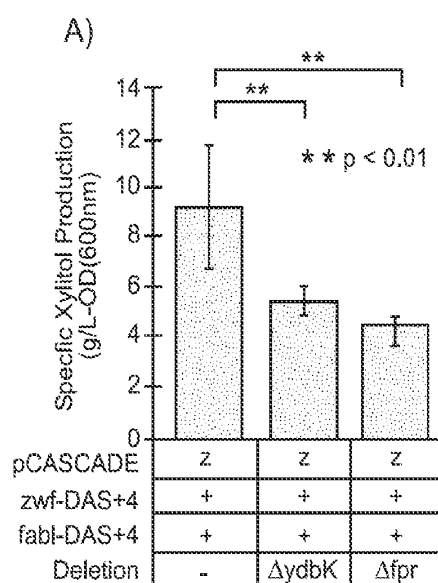


FIG. 15A

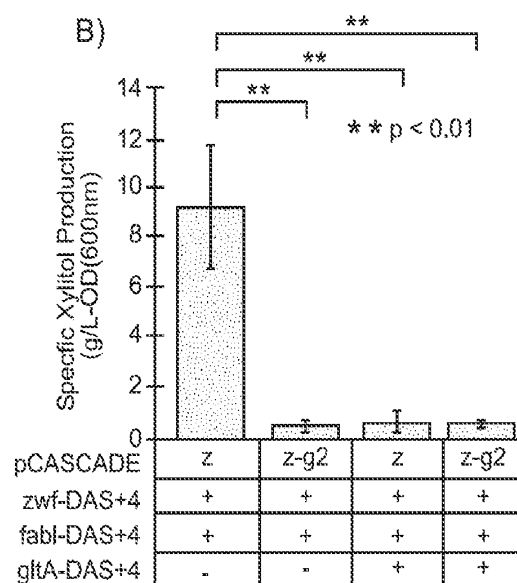


FIG. 15B

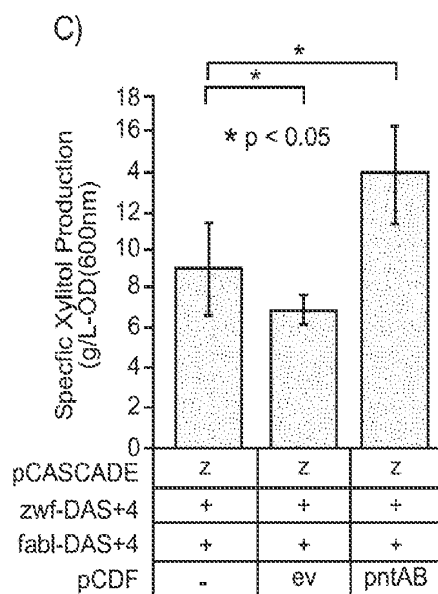


FIG. 15C

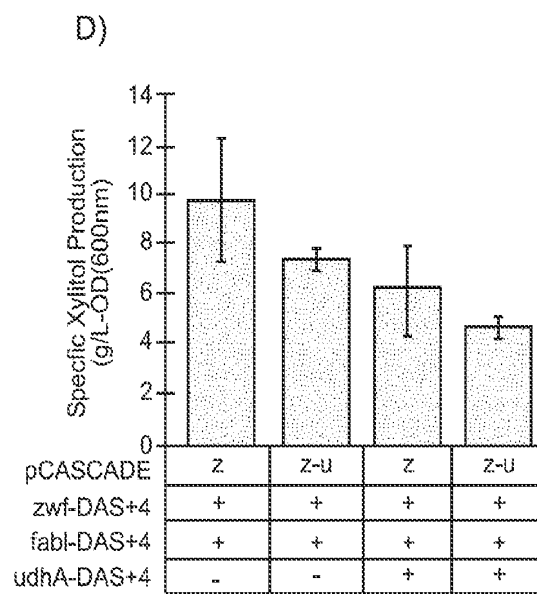
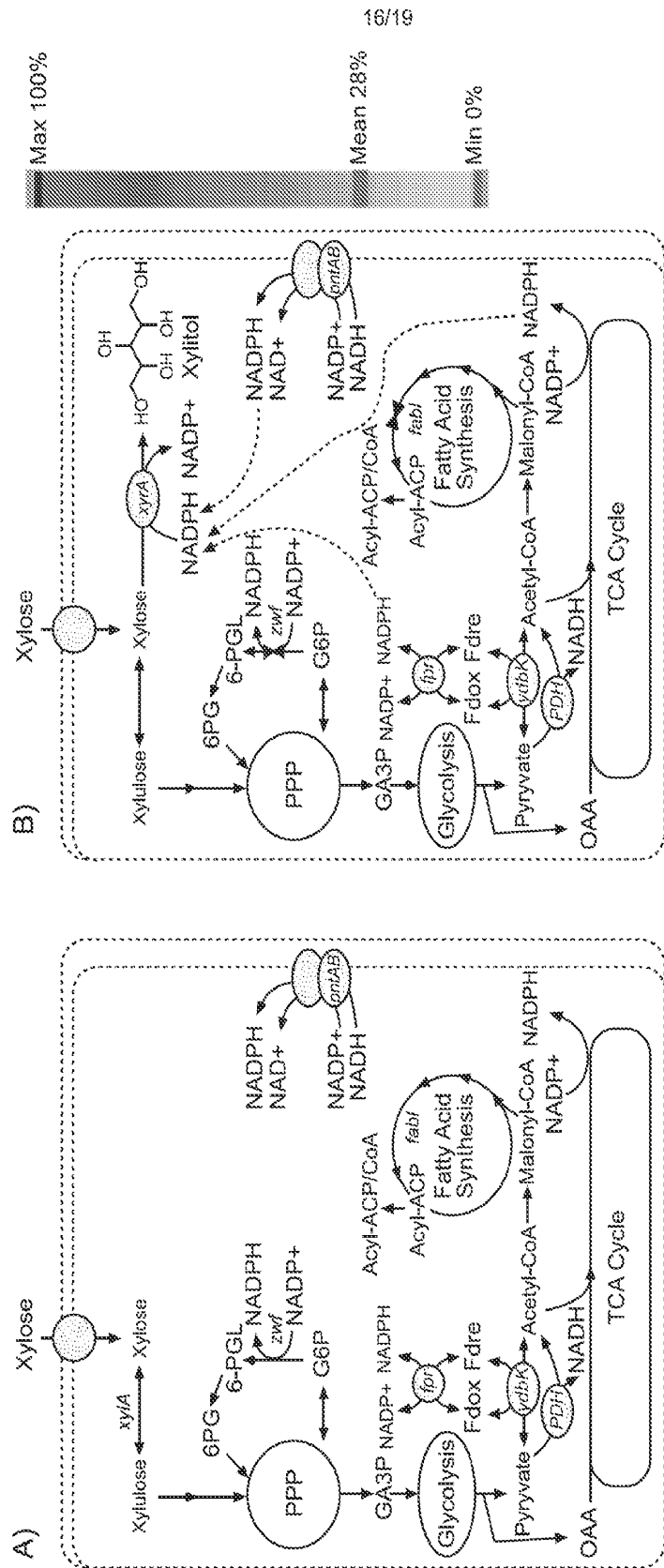


FIG. 15D



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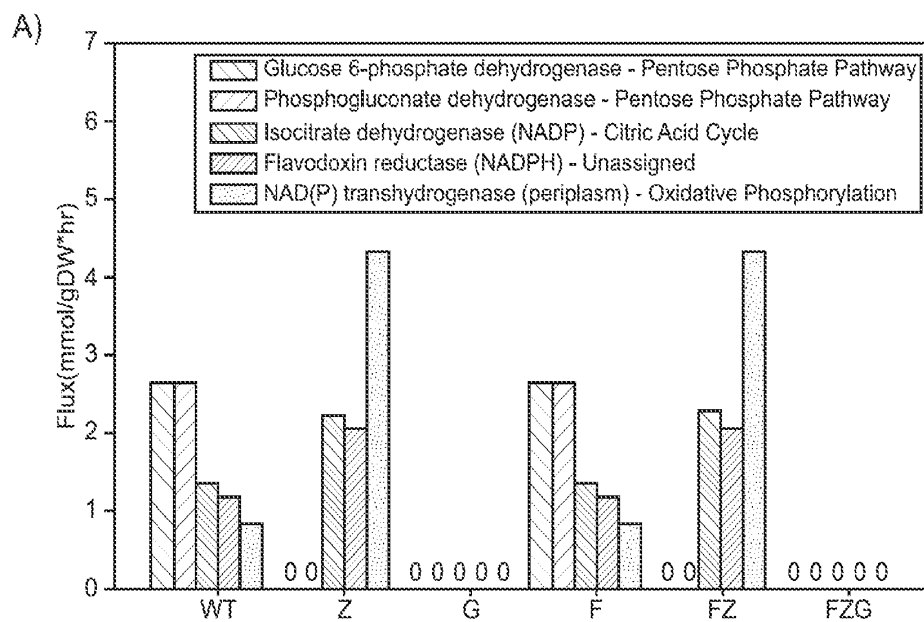


FIG. 17A

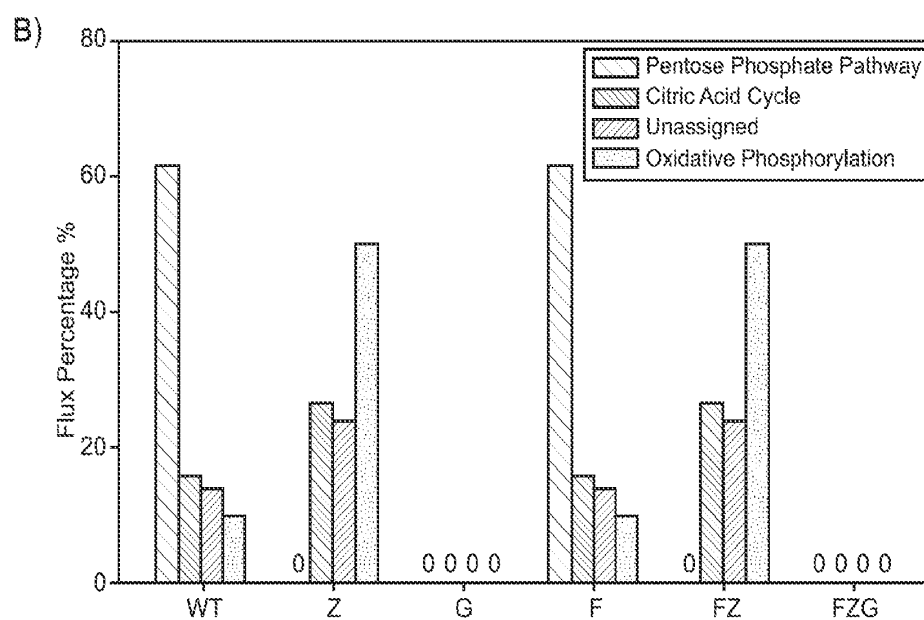
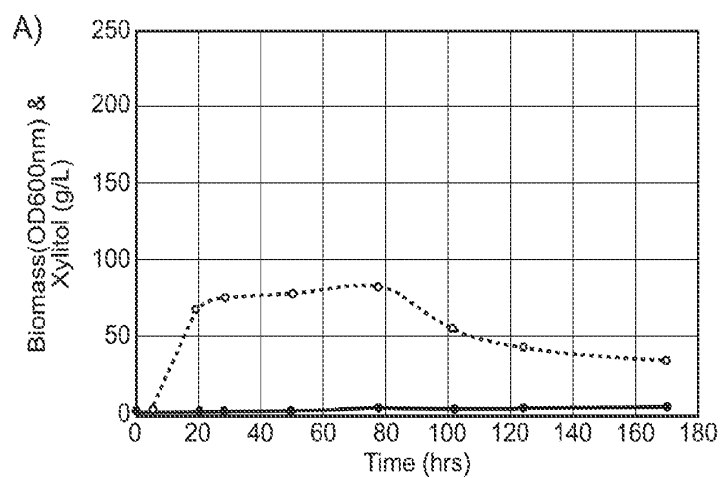
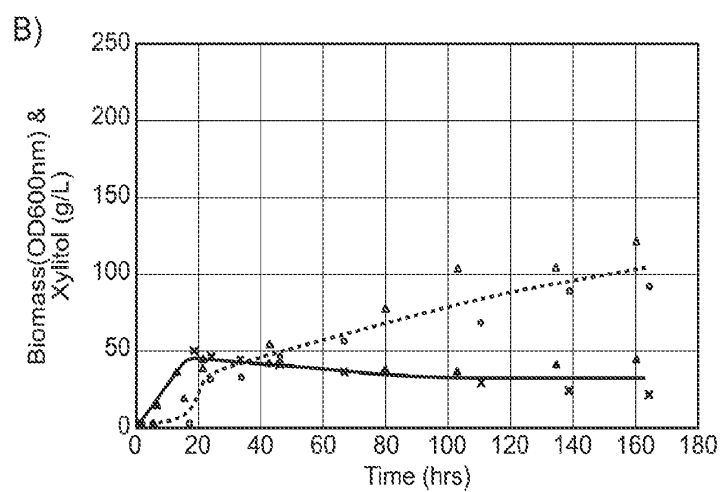
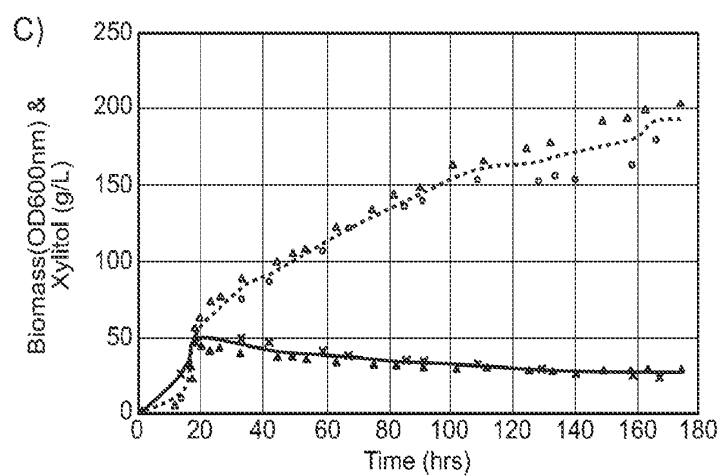


FIG. 17B

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**FIG. 18A****FIG. 18B****FIG. 18C**

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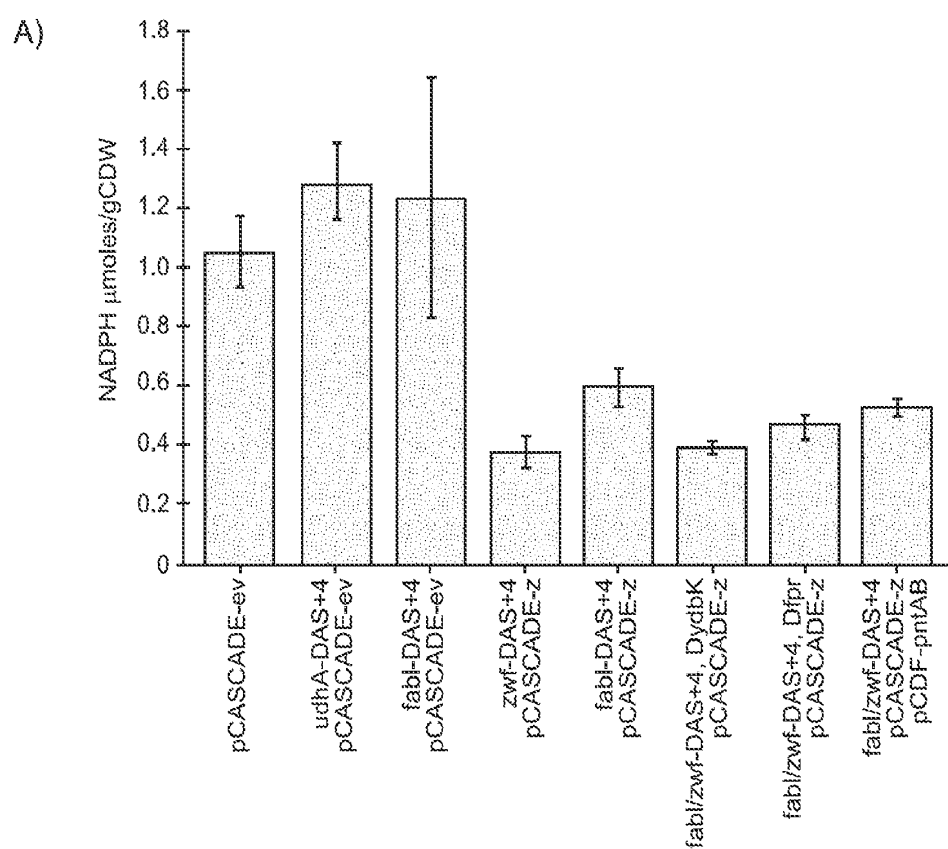


FIG. 19