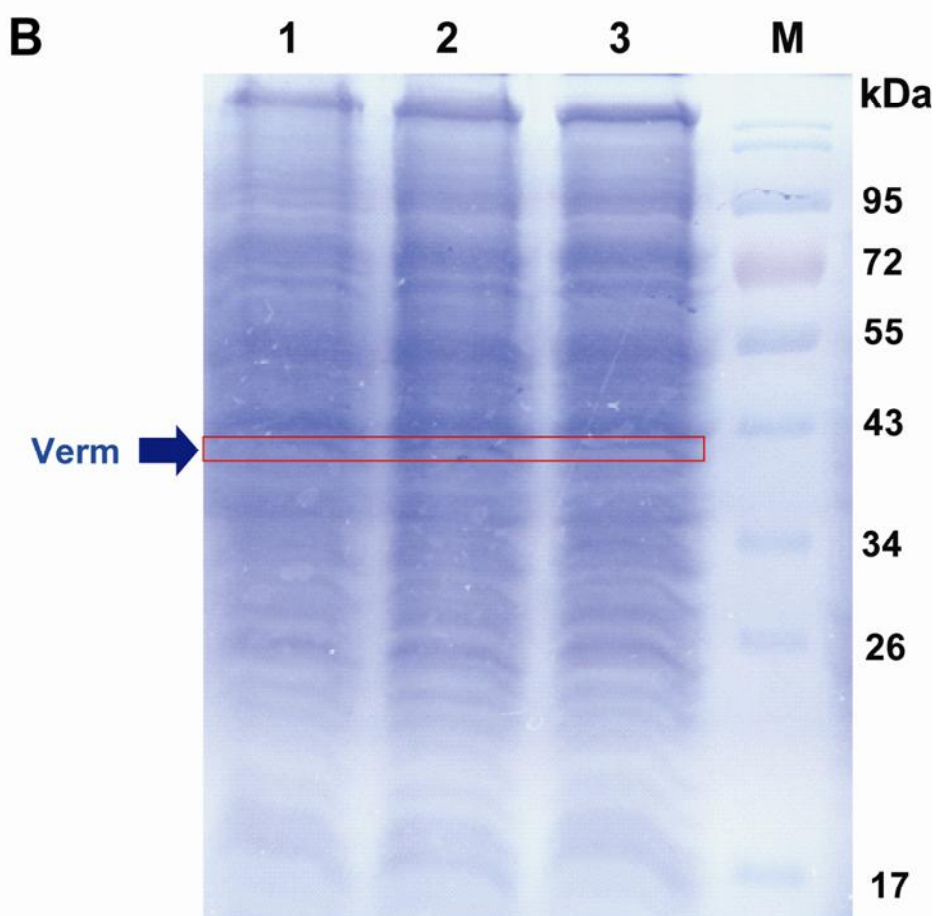
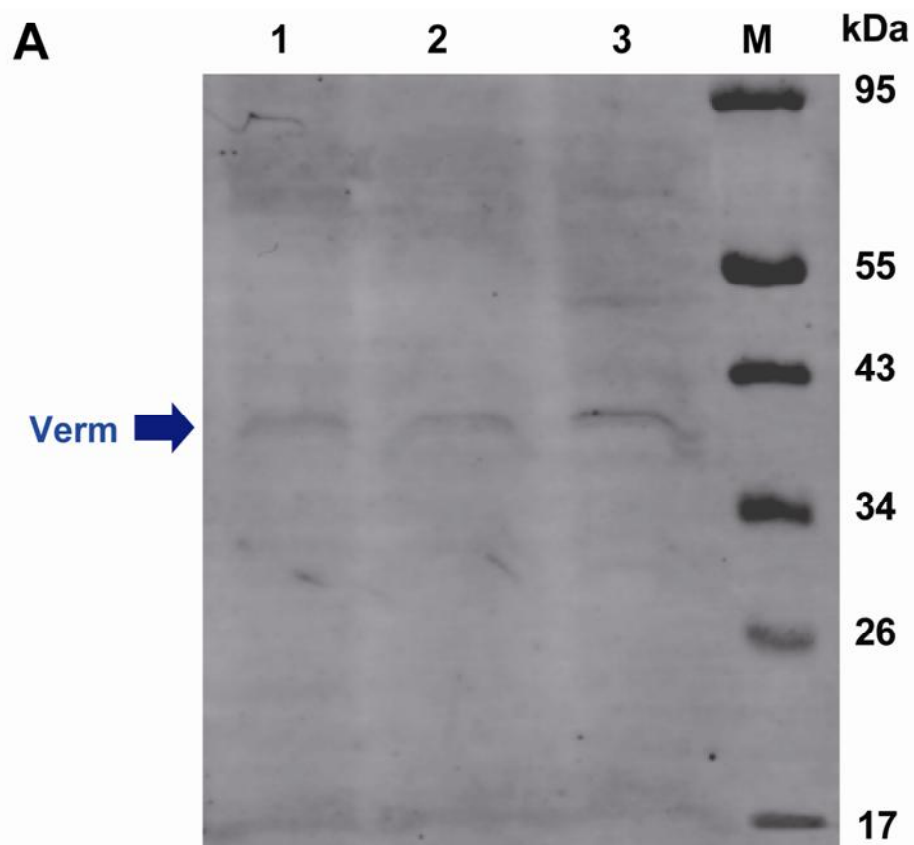


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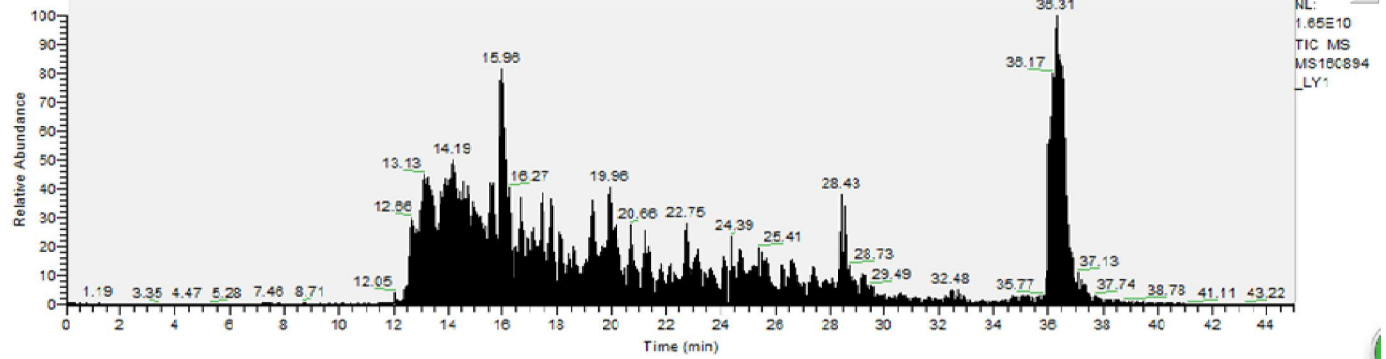


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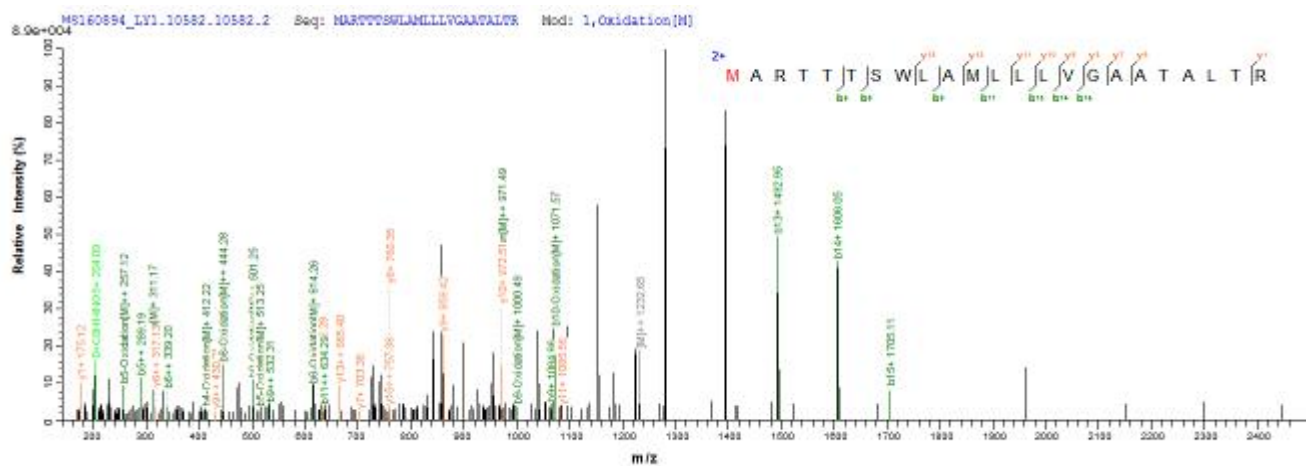
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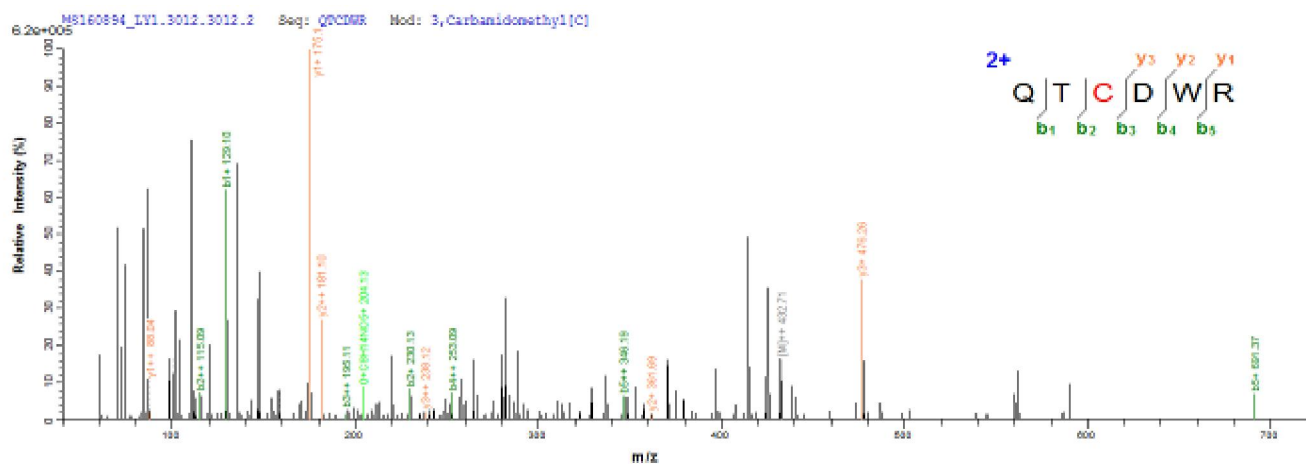


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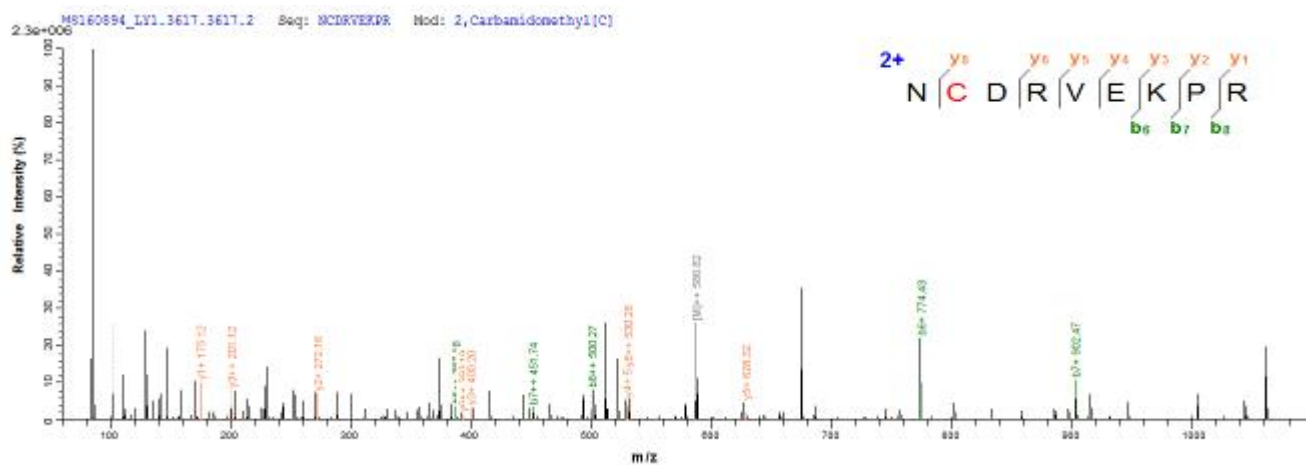
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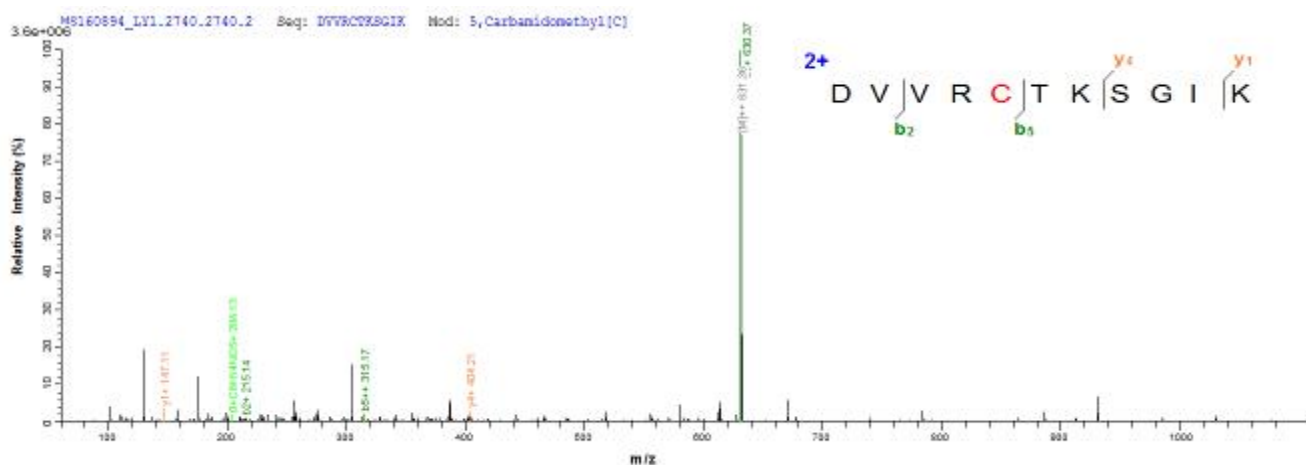
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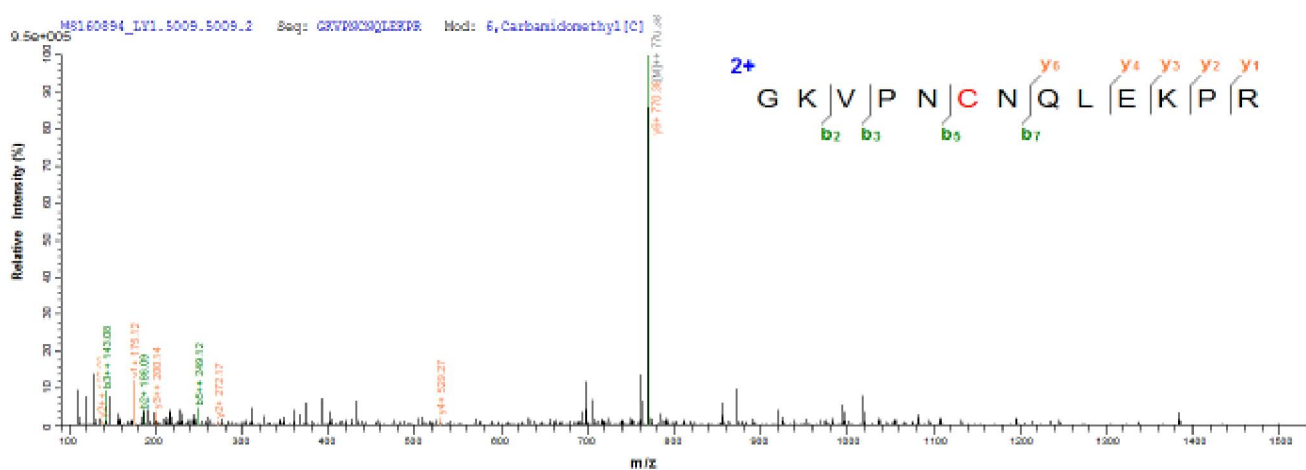
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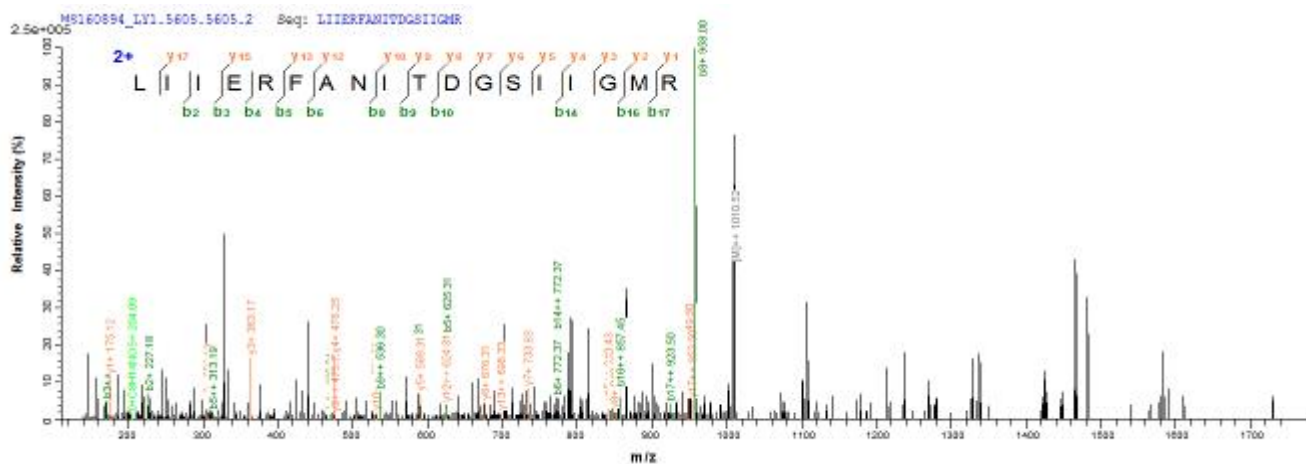
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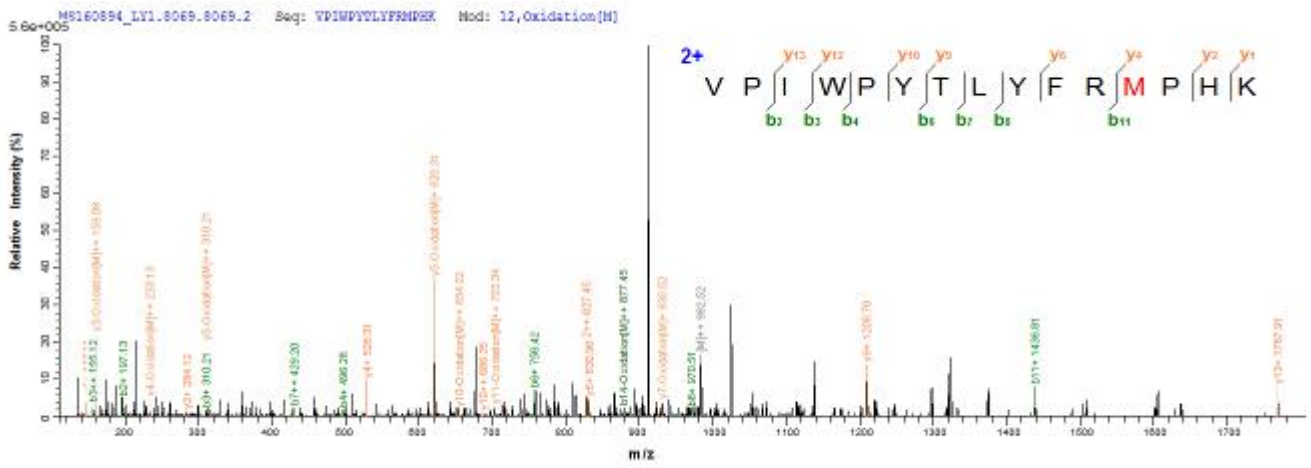
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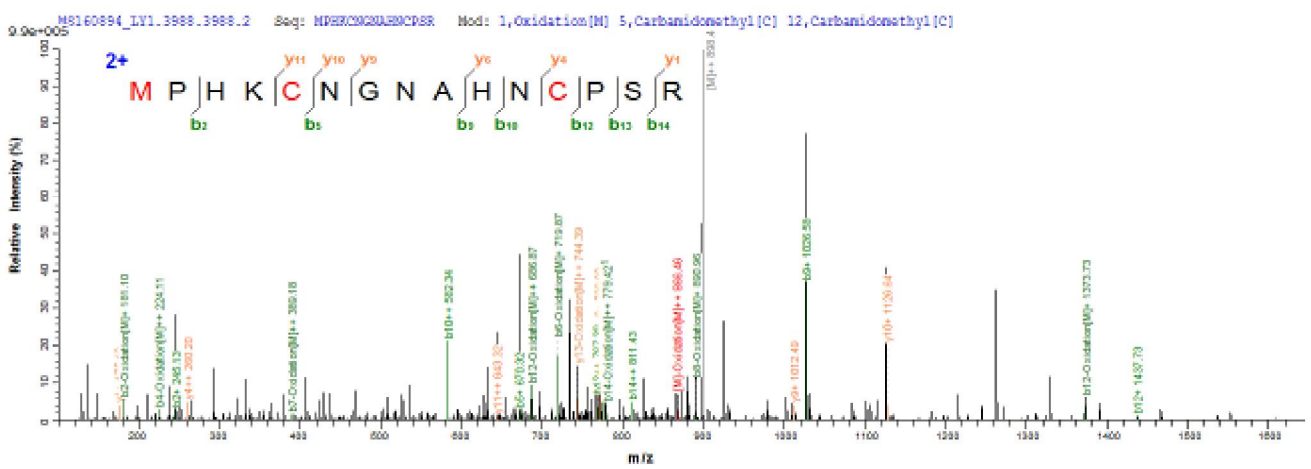
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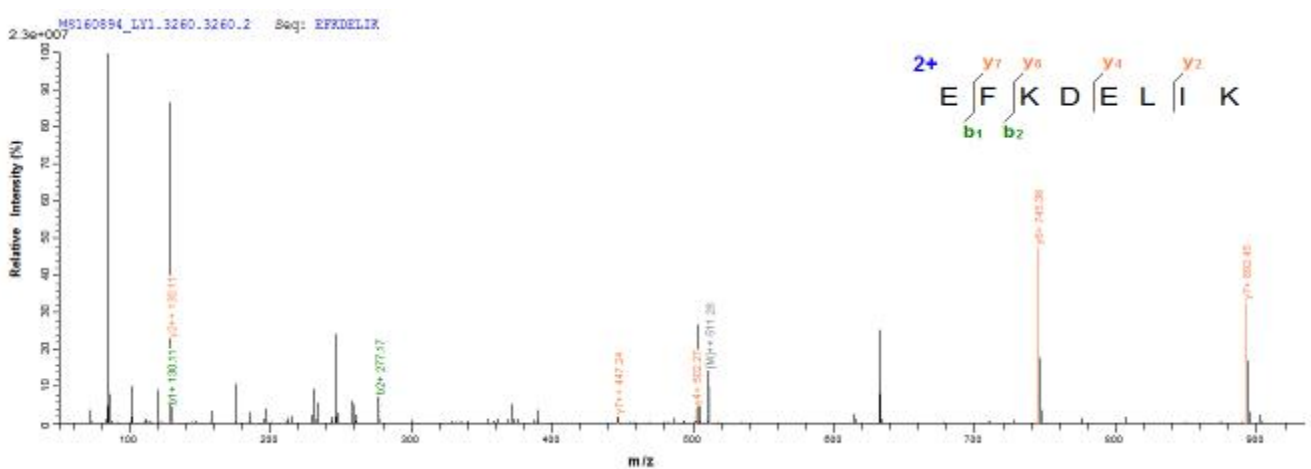
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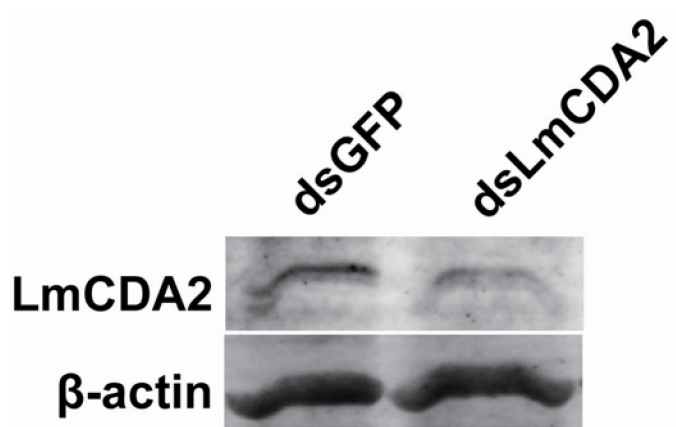
H



I



Supplement data 4



Supplement data 5

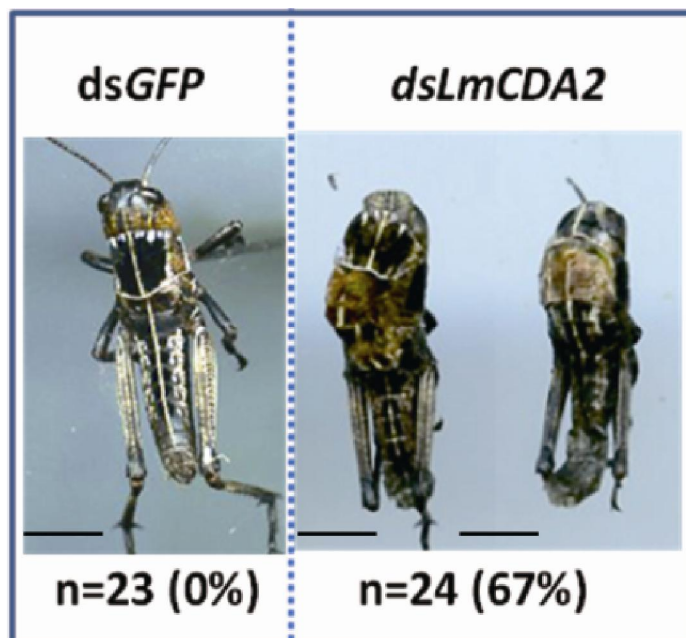


TABLE 1

TABLE 1 The detected sequences and modified sites

Sequences	Modification	Specific
MARTTTLWLAMLLLVGAATALTR	1,M (Oxidation[M]	LmCDA2a/b
QTCDWR	3,C(Carbamidomethyl[C]	LmCDA2a
NCDRVEKPR	2,C(Carbamidomethyl[C]	LmCDA2a
DVVRCTKSGIK	5,C(Carbamidomethyl[C]	LmCDA2b
GKVPNCNQLKPR	6,C(Carbamidomethyl[C]	LmCDA2b
LIERFANITDGSIIIGMR	No modification	LmCDA2a/b
VPIWPYTLYFRMPHK	12,M(Oxidation[M]	LmCDA2a/b
MPHKCNGNAHNCPSR	1,M(Oxidation[M]);5,C(Carbamidomethyl[C]);12,C(Carbamidomethyl[C]	LmCDA2a/b
EFKDELIK	No modification	LmCDA2a/b