

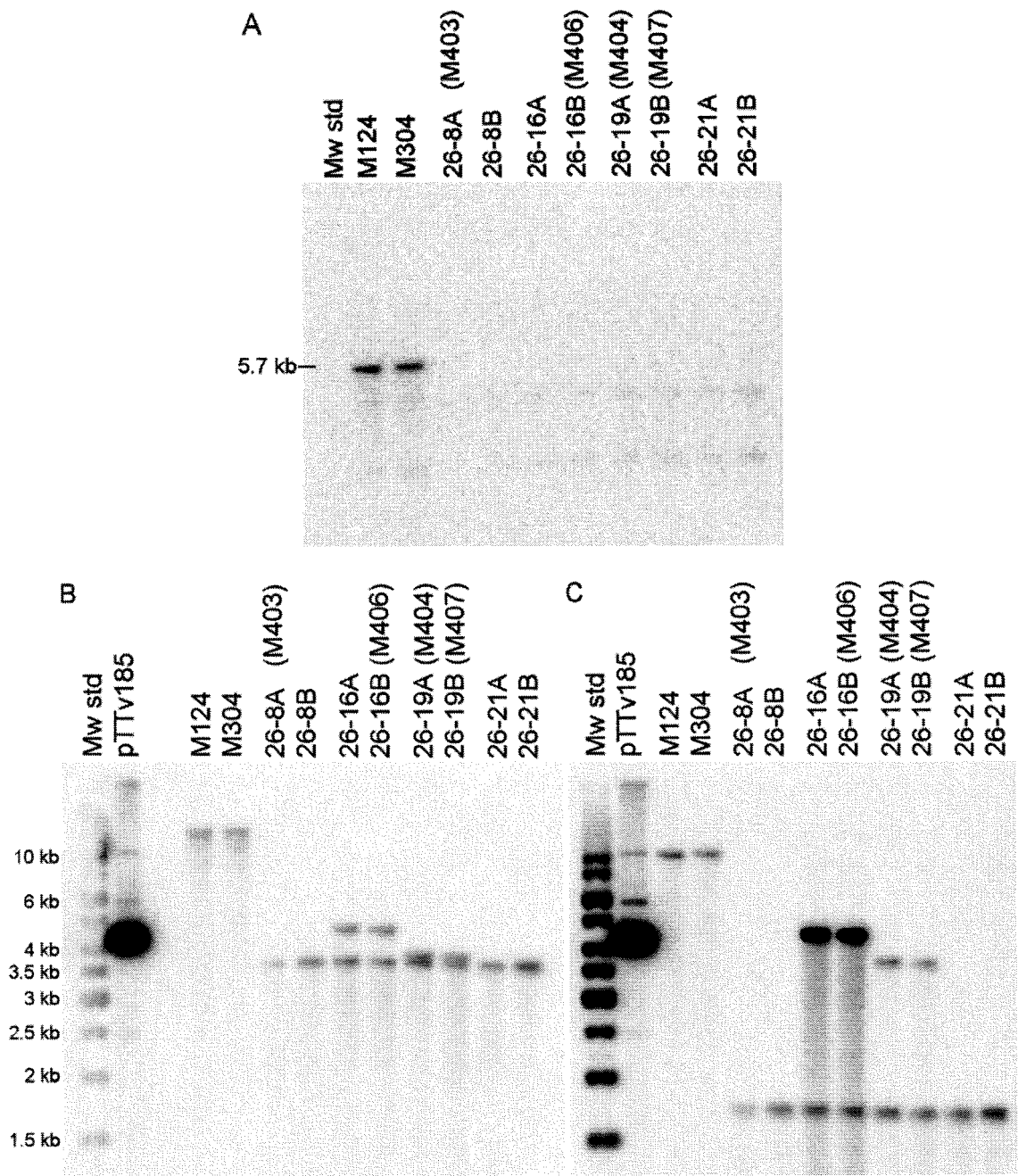


Figure 1

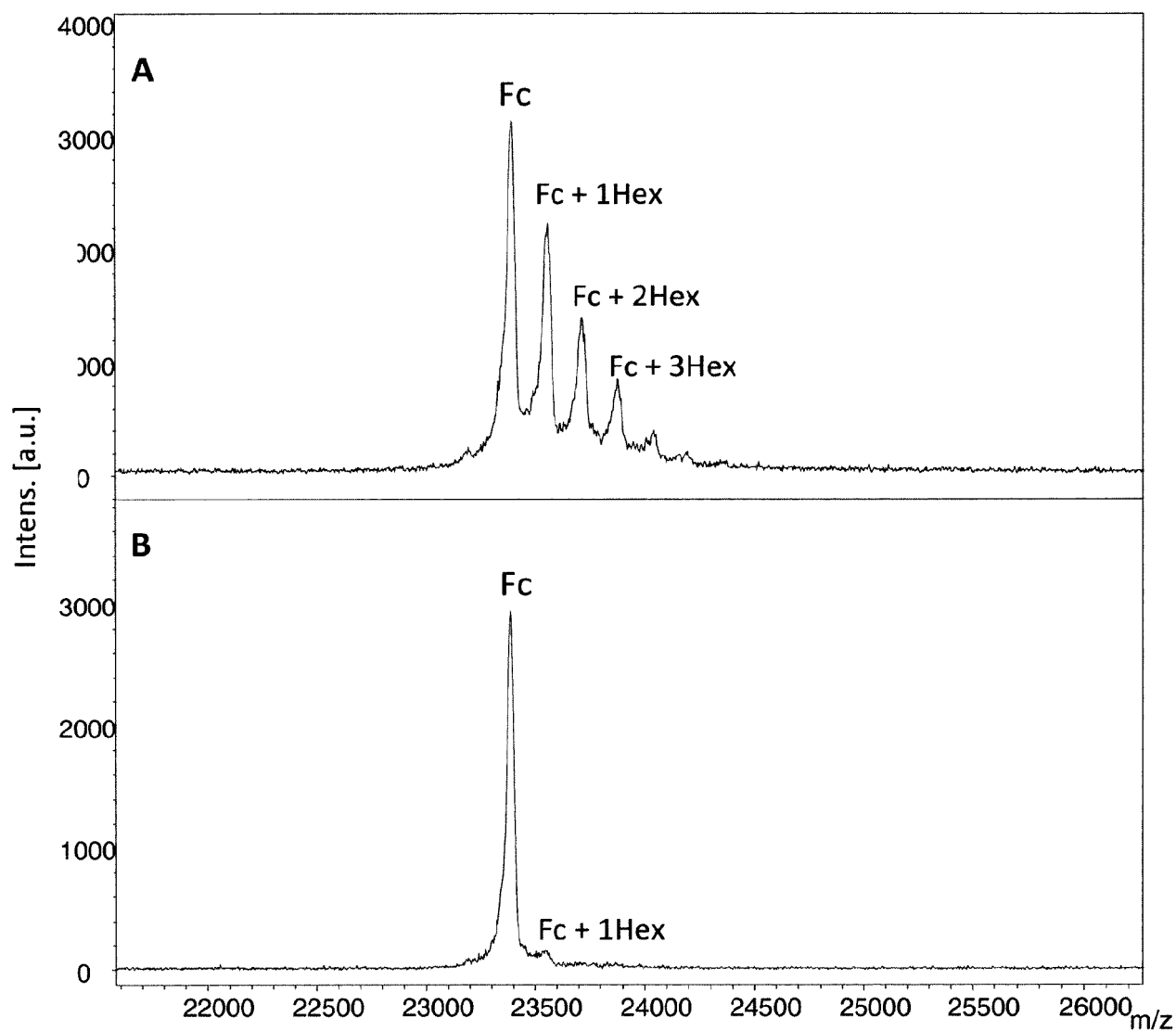


Figure 2

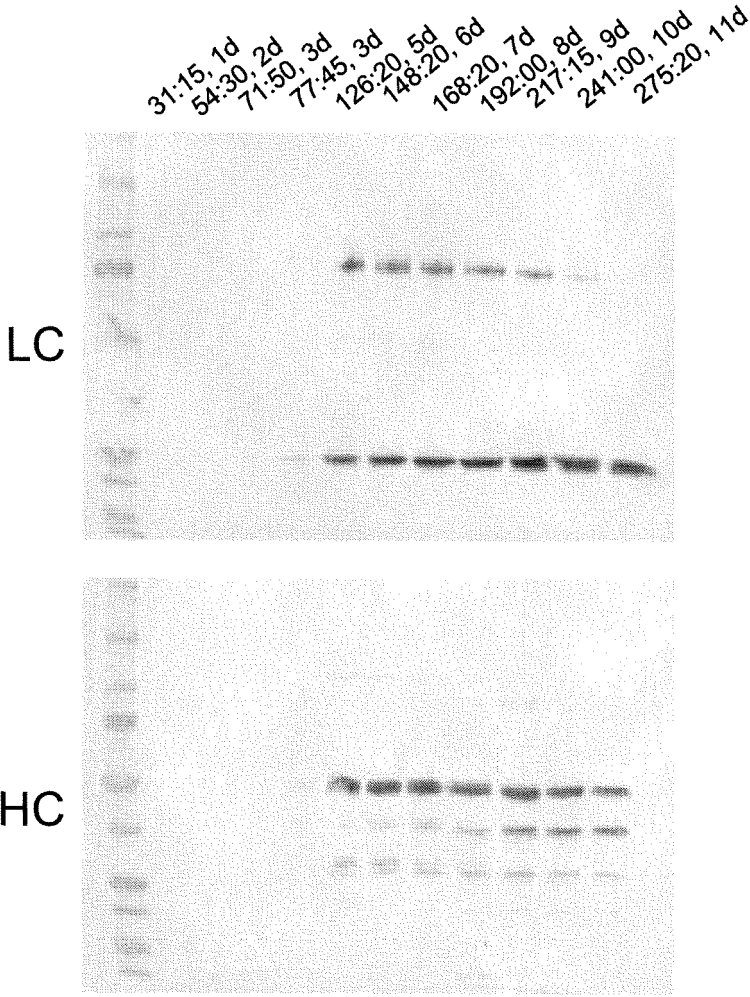


Figure 3

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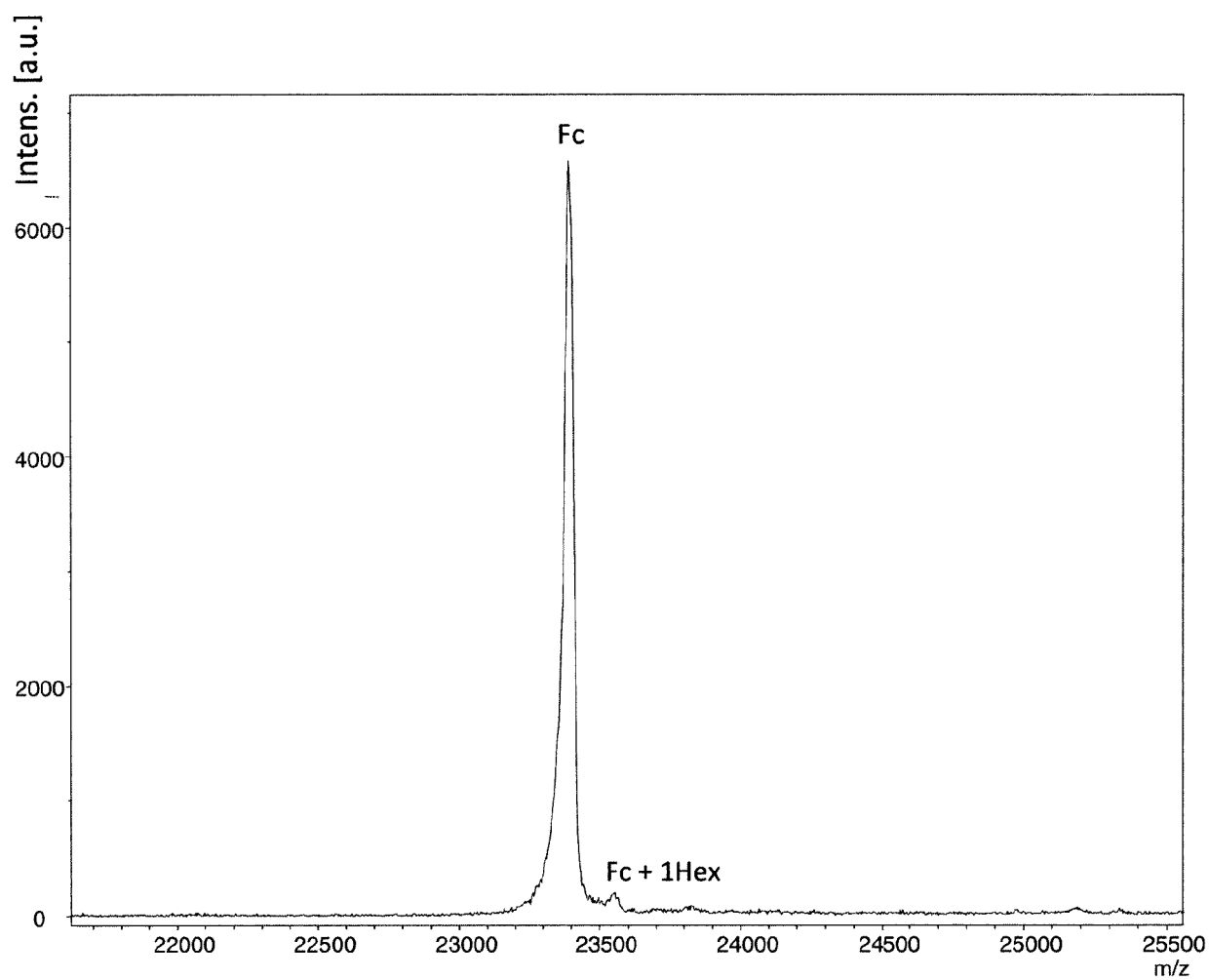


Figure 4

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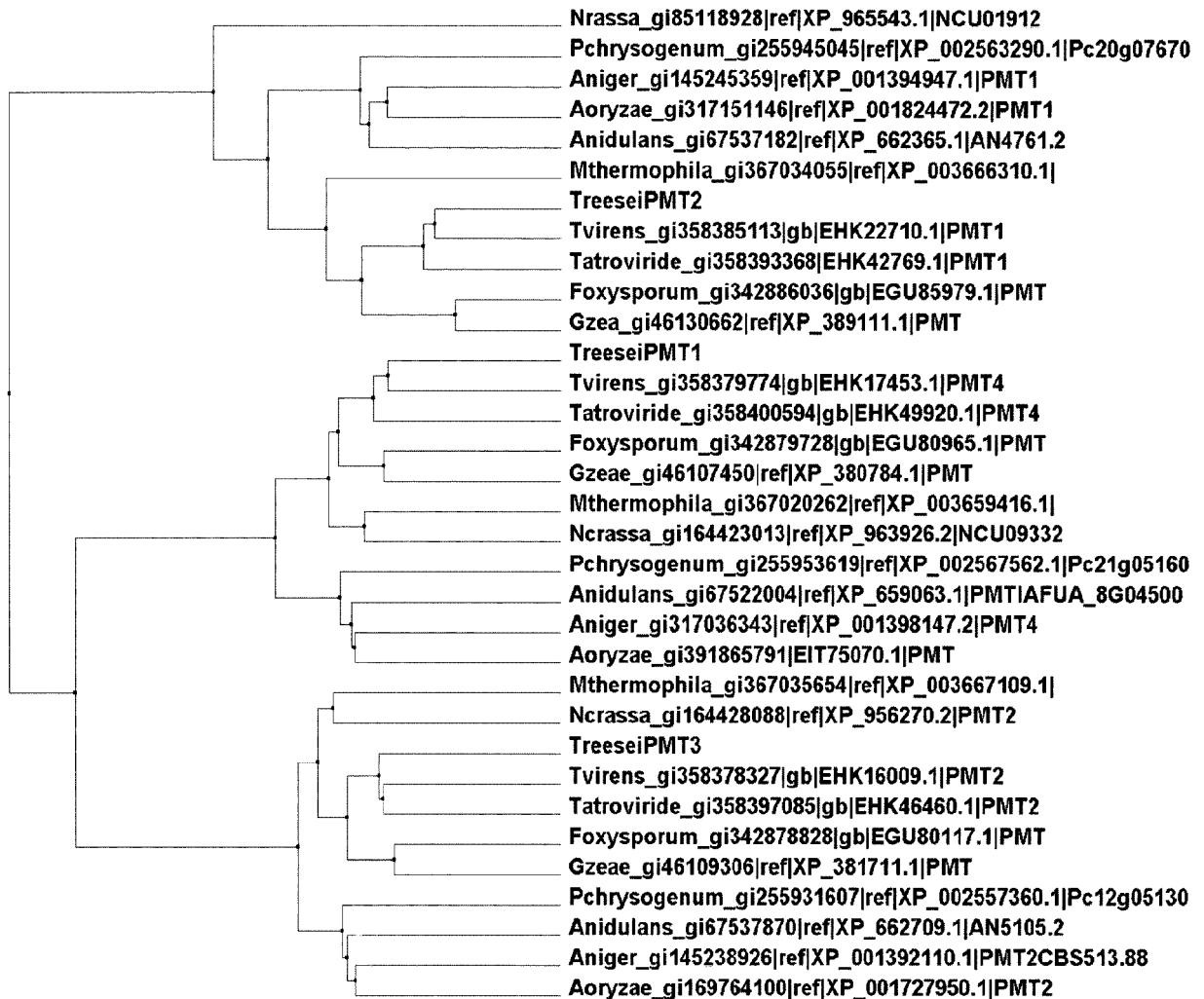


Figure 5

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Anidulans_gi67537870	IVTWDEAHFGKFGSHYLKREFYFDVHPPLGKMLVGLSGLLAGYNGSFEEK	131
Pchrysogenum_gi255931607	IVTWDEAHFGKFGSHYLKREFYFDVHPPLGKMLVGLSGYLAGYNGSFEEK	133
Mthermophila_gi367035654	IVTWDEAHFGKFGSHYLKREFYFDVHPAGKLLVGLSGYLAGYNGSFEEK	135
Ncrassa_gil64428088	IVTWDEAHFGKFGSHYLKREFYFDVHPAGKLLVGLSGLLAGYNGSFEEK	140
Tvirens_gi358378327	IVTWDEAHFGKFGSYIKHEYFDVHPPLGKMLVGLSGVLAGYNGSFEEK	130
Tatroviride_gi358397085	IVTWDEAHFGKFGSYIKHEYFDVHPPLGKMLVGLSGVLAGYNGSFEEK	131
TreeseiPMT3	IVTWDEAHFGKFGSYIKHEYFDVHPPLGKMLVGLSGVLAGYNGSFEEK	131
Foxysporum_gi342878828	IVTWDEAHFGKFGSYIKHEYFDVHPPLGKMLVGLSGVLAGYNGTFEEK	131
Gzeae_gi46109306	IVTWDEAHFGKFGSYIKHEYFDVHPPLGKMLVGLSGVLAGYNGTFEEK	132
Nrassa_gi85118928	SVVFDEVHFGGFASKYIKGKFFMDVHPPLAKLMITLFGWLAGFDGSFDFK	141
Mthermophila_gi367034055	SVVFDEVHFGGFATKYIKGKFFMDVHPPLAKLMITLFGWLAGFKGNFDFK	129
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Tatroviride_gi358393368	SVVFDEVHFGGFASKYIKGRFFMDVHPPLAKMLIALTGWLAGFDGDFDFK	131
TreeseiPMT2	SVVFDEVHFGGFASKYIKGRFFMDVHPPLAKMLIALTGWLAGFDGNFDFK	132
Foxysporum_gi342886036	SVVFDEVHFGGFATKYIKGKFFMDVHPPLAKMLIALTGWLAGFDGSFDFK	145
Gzea_gi46130662	SVVFDEVHFGGFATKYIKGKFFMDVHPPLAKMLIALTGWLAGFDGSFDFK	142
Anidulans_gi67537182	SVVFDEVHFGGFATKYIKGRFFMDVHPPLAKLLITLAGWLAGFKGDFDFK	127
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Pchrysogenum_gi255945045	SVVFDEVHFGGFASKYIKGKFFMDVHPPLAKLLLTLAGWLAGFDGNFDFK	129
TreeseiPMT1	EVVFDEVHFGKFASYLQRTYFFDVHPPFAKLLFAFVGWLVGVDGHFHFD	127
Tvirens_gi358379774	EVVFDEVHFGKFASYLQRTYFFDVHPPFAKLLFAFVGWLVGVDGHFHFE	128
Tatroviride_gi358400594	EVVFDEVHFGKFASYLQRTYFFDVHPPFAKLLFAFVGWLVGVDGHFHFE	127
Foxysporum_gi342879728	EVVFDEVHFGKFASYLERTYFFDVHPPFGKLLFAFVGWLVGVDGNFHFE	125
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Figure 6