Supplementary File 2: Amino sequences of *MUR3* homologous gene

# >Arabidopsis thaliana//AtMUR3

MFPRVSMRRRSAEVSPTEPMEKGNGKNQTNRICLLVALSLFFWALLLYFHFVVLGTSNIDKQLQLQPSYAQSQPSSVSLRVDKFPIEPHAAPSKPPPKEPLVTIDKPILPPAPVANSSSTFKPPRIVESGKKQEFSFIRALKTVDNKSDPCGGKYIYVHNLPSKFNEDMLRDCKKLSLWTNMCKFTTNAGLGPPLENVEGVFSDEGWYATNQFAVDVIFSNRMKQYKCLTNDSSLAAAIFVPFYAGFDIARYLWGYNISRRDAASLELVDWLMKRPEWDIMRGKDHFLVAGRITWDFRRLSEEETDWGNKLLFLPAAKNMSMLVVESSPWNANDFGIPYPTYFHPAKDSEVFEWQDRMRNLERKWLFSFAGAPRPDNPKSIRGQIIDQCRNSNVGKLLECDFGESKCHAPSSIMQMFQSSLFCLQPQGDSYTRRSAFDSMLAGCIPVFFHPGSAYTQYTWHLPKNYTTYSVFIPEDDVRKRNISIEERLLQIPAKQVKIMRENVINLIPRLIYADPRSELETQKDAFDVSVQAVIDKVTRLRKNMIEGRTEYDYFVEENSWKYALLEEGQREAGGHVWDPFFSKPKPGEDGSSDGNGGTTISADAAKNSWKSEQRDKTQ

# >Orazy sativa//OsMUR3

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# >Brassica rapa//XM\_009103789.2 BrMUR3

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# >Brassica oleracea//XM\_013742723.1 BoMUR3

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# >Brassica napus//XM\_013886954.1

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# >Raphanus sativus//XM\_018584632.1

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# >Glycine max//XM\_006593993.2

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# >Vitisvinifera//XM\_003632384.3

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# >Gossypium hirsutum//XM\_016854228.1

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# >Hordeum vulgare//AK361809.1

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# >Zea mays//XM\_008662293.3

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# >Nicotiana tabacum//mRNA\_42310\_cds

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# >Eutrema salsugineum//XM\_006408893.1

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# >Lupinus angustifolius//XM\_019571157.1

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# >Camelina sativa//XM\_010417567.2

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# >Tarenaya hassleriana//XM\_010542617.2

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# >Phoenix dactylifera//XM\_008810225.2

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# >Elaeis guineensis//XM\_010934839.1

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# >Musa acuminata//XM\_018820666.1

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# >Manihot esculenta//XM\_021777263.1

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