

Supplementary Materials

Evaluation of the Antioxidant Properties of Carvacrol as a Prospective Replacement for Crude Essential Oils and Synthetic Antioxidants in Food Storage

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3V92_1 Chains	-----	0
XP_025140741.1	-----	0
XP_006065761.1	-----	0
XP_025140740.1	-----	0
XP_006065760.1	-----	0
XP_006065763.1	-----	0
NP_001179721.1	-----	0
XP_019809802.1	-----	0
CAC33511.1	-----	0
XP_010852818.1	MQEGGTRDRGQEKIFANLEVF TGSQQSVH RGTLP PGILPASAPRHLQPPTPTPTPEQESH	60
XP_005909628.1	-----PRPPPTPEQESH	13
MXQ85771.1	-----	0
ELR46226.1	-----	0

3V92_1 Chains	-----MGSSHHHHHSSGLVPRGSHMPSYTVTVATGSQEHAGTDDYI	42
XP_025140741.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_006065761.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_025140740.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_006065760.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_006065763.1	-----MPSYTVTVATGSQWFAGTDDYI	22
NP_001179721.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_019809802.1	-----MPSYTVTVATGSQWFAGTDDYI	22
CAC33511.1	-----MPSYTVTVATGSQWFAGTDDYI	22
XP_010852818.1	FPWSRHGPGRIHHTSPHVD FPLWGLRCQQQDACRPHLASVEFS	103
XP_005909628.1	FPWSRHGPGRIHHTSPHVD FPLRGLRCQQQDACRPHLASVEFSMPHPSGKRALPSHG--V	71
MXQ85771.1	-----MP--SYTVTVATGSQWFAGTDDYI	22
ELR46226.1	-----	0

3V92_1 Chains	YLSLVGSAGCSEKHLLDKGS-----FERG-----AVD	69
XP_025140741.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_006065761.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_025140740.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_006065760.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_006065763.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
NP_001179721.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_019809802.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
CAC33511.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA-----VD	52
XP_010852818.1	-----VD	105
XP_005909628.1	S---RERAGITDKCTVECDPQVGPWAGRGLSILQIVDPWGEGRPQ-----VGKGVFVD	123
MXQ85771.1	YLSLVGSAGCSEKHLLD--KPFYNDFERGA---VRALGWDGLGPRGRVRRARPGPIGVD	76
ELR46226.1	-----VD	2

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3V92_1 Chains	SYDVTVDEELGEIQLVRIEKKRYGSNDWYLYKITLTKPHGDYIEFPCYRWITGDVEVVL	129
XP_025140741.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_006065761.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_025140740.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_006065760.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_006065763.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
NP_001179721.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_019809802.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
CAC33511.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	112
XP_010852818.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	165
XP_005909628.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	183
MXQ85771.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	136
ELR46226.1	SYDVTVDEELGDIQLIKIEKKRYWFHDDWYLYKITVKTPCGDYIEFPCYRWISGEIEVL	62

3V92_1 Chains	RDGRAKLARDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	189
XP_025140741.1	RDGQAKLACDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_006065761.1	RDGQAKLACDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_025140740.1	RDGQAKLACDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_006065760.1	RDGQAKLACDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_006065763.1	RDGQAKLACDDQIHILKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
NP_001179721.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_019809802.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
CAC33511.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	172
XP_010852818.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	225
XP_005909628.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	243
MXQ85771.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	196
ELR46226.1	RDGQAKLACDDQIHVLKQHRRKELETRQKQYRWMEWNPGFPLSIDAKCHKDLPRDIQFDS	122

3V92_1 Chains	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVKISNTISERVMNHWQEDLM	249
XP_025140741.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	232
XP_006065761.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	232
XP_025140740.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	232
XP_006065760.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	232
XP_006065763.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	232
NP_001179721.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDRM	232
XP_019809802.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDRM	232
CAC33511.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDRM	232
XP_010852818.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	285
XP_005909628.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	303
MXQ85771.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	256
ELR46226.1	EKGVD FVLNYSKAMENLFINRFMHMFQSSWSDFADEKIFVRIISNTISERVMNHWQEDLM	182

3V92_1 Chains	FGYQFLNGANPVLIRRCTELPEKLPVTTMVECSLERQLSLEQEVQQGNIFIVDFKLLDG	309
XP_025140741.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_006065761.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_025140740.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_006065760.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_006065763.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
NP_001179721.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_019809802.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
CAC33511.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	292
XP_010852818.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	345
XP_005909628.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	363
MXQ85771.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	316
ELR46226.1	FGYQFLNGCNPMVIQRCLKLPDNLPTTMMVECSLERQLTLEQEIQQGNIFIVDFKLLDG	242

3V92_1 Chains	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQIPGDENPIFLPSDAKYDWLLAK	369
XP_025140741.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_006065761.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_025140740.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_006065760.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_006065763.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
NP_001179721.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_019809802.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
CAC33511.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	352
XP_010852818.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	405
XP_005909628.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	423
MXQ85771.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	376
ELR46226.1	IDANKTDPCTLQFLAAPICLLYKNLANKIVPIAIQLNQVPGEENPIFLPSDAKYDWLLAK	302

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3V92_1 Chains	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	429
XP_025140741.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFK-----	395
XP_006065761.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFK-----	395
XP_025140740.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
XP_006065760.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
XP_006065763.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
NP_001179721.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
XP_019809802.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
CAC33511.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	412
XP_010852818.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	465
XP_005909628.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	483
MXQ85771.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	436
ELR46226.1	IWVRSSDFHVHQTITHLLRTHLVSEVFGIAMYRQLPAVHPIFKLLVAHVRFTIAINTKAR	362

3V92_1 Chains	EQLICECGLFDKANATGGGGHVQMVQRAMQDLTYASLCFPEAIKARGMESKEDIPIYYFYR	489
XP_025140741.1	-----AIKARGMDNAEDIPIYYFYR	414
XP_006065761.1	-----ANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	443
XP_025140740.1	EQLICEYGLFDK-----AIKARGMDNAEDIPIYYFYR	443
XP_006065760.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	472
XP_006065763.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	472
NP_001179721.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	472
XP_019809802.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	472
CAC33511.1	EQLICEYGLFDKANATGG-----	430
XP_010852818.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	525
XP_005909628.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	543
MXQ85771.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	496
ELR46226.1	EQLICEYGLFDKANATGGGGHVQMVQRAMQDLTYTSLCFPEAIKARGMDNAEDIPIYYFYR	422

3V92_1 Chains	DDGLLVWEAIRTFFAEVVDIYYEGDQVVEEDQELQDFVNDVYVYGMGRKSSGFPPKSVKS	549
XP_025140741.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	474
XP_006065761.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	503
XP_025140740.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	503
XP_006065760.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	532
XP_006065763.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	532
NP_001179721.1	DDGLLVWEAIRTFFAEVVGIIYYEGDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKA	532
XP_019809802.1	DDGLLVWEAIRTFFAEVVGIIYYEGDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	532
CAC33511.1	-----	430
XP_010852818.1	DDGLLVWEAIRTFFAEVVDIYYESDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	585
XP_005909628.1	DDGLLVWEAIRTFFAEVVDIYYEGDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	603
MXQ85771.1	DDGLLVWEAIRTFFAEVVDIYYEGDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	556
ELR46226.1	DDGLLVWEAIRTFFAEVVDIYYEGDQVVEEDQELQDFVKDVYMYGMGRKKASGFPPKSIKT	482

3V92_1 Chains	REQLSEYLTVVIFTASAQHAAVNFGQYDWASWIPNAPPTMRAPPPTAKGVVTIEQIVDTL	609
XP_025140741.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	534
XP_006065761.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	563
XP_025140740.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	563
XP_006065760.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	592
XP_006065763.1	KEKLCEYLTVVIFTASAQHAAVNFGQ-----	558
NP_001179721.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	592
XP_019809802.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	592
CAC33511.1	-----	430
XP_010852818.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	645
XP_005909628.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	663
MXQ85771.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	616
ELR46226.1	KEKLCEYLTVVIFTASAQHAAVNFGQYDWCSWIPNAPPTMRAPPPTAKGVVTIEQIVETL	542
3V92_1 Chains	PDRGRSCWHLGAVWALSQFQENELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	669
XP_025140741.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	594
XP_006065761.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	623
XP_025140740.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	623
XP_006065760.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	652
XP_006065763.1	-----LFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	595
NP_001179721.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFVEKPVKEAMARFRKNLDSIVSVIAER	652
XP_019809802.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFVEKPVKEAMARFRKNLDSIVSVIAER	652
CAC33511.1	-----	430
XP_010852818.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFIEKPVKEAMARFRKNLDSIVSVIAER	705
XP_005909628.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFVEKPVKEAMARFRKNLDSIVSVIAER	723
MXQ85771.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFVEKPVKEAMARFRKNLDSIVSVIAER	676
ELR46226.1	PDRGRSCWHLGAVWALSQFQDNELFLGMYPEEHFVEKPVKEAMARFRKNLDSIVSVIAER	602
3V92_1 Chains	NENLQLPYYYLAPDRIPNSVAI	691
XP_025140741.1	NKNKKLPYYLSPDRIPNSVAI	616
XP_006065761.1	NKNKKLPYYLSPDRIPNSVAI	645
XP_025140740.1	NKNKKLPYYLSPDRIPNSVAI	645
XP_006065760.1	NKNKKLPYYLSPDRIPNSVAI	674
XP_006065763.1	NKNKKLPYYLSPDRIPNSVAI	617
NP_001179721.1	NKNKKLPYYLSPDRIPNSVAI	674
XP_019809802.1	NKNKKLPYYLSPDRIPNSVAI	674
CAC33511.1	-----	430
XP_010852818.1	NKNKKLPYYLSPDRIPNSVAI	727
XP_005909628.1	NKNKKLPYYLSPDRIPNSVAI	745
MXQ85771.1	NKNKKLPYYLSPDRIPNSVAI	698
ELR46226.1	NKNKKLPYYLSPDRIPNSVAI	624

Figure S1. Multiple sequence Alignment.