Category	Term	Count	Genes
GOTERM_MF_ALL	aa3-type cytochrome c oxidase	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	actin binding	24	NM_005507, NM_003290, NM_002298, NM_004368, NM_021109, NM_183049, NM_004877, NM_007285, NM_012090, NM_006135, NM_003370, NM_000256, NM_006646, NM_004924, NM_153649, NM_138632, NM_001002857, NM_002652, NM_014548, NM_017771, NM_006457, NM_012334, NM_021103, NM_002356,
GOTERM_CC_ALL	actin cytoskeleton	17	NM_005720, NM_001101, NM_001614, NM_006135, NM_003370, NM_000256, NM_005731, NM_152862, NM_006646, NM_004389, NM_004924, NM_153649, NM_138632, NM_021019, NM_079423, NM_014548, NM_012334, NM_033546, NM_005721, NM_002356,
GOTERM_BP_ALL	actin cytoskeleton organization and biogenesis	14	NM_005507, NM_004368, NM_198829, NM_005206, NM_001175, NM_001511, NM_006135, NM_005731, NM_152862, NM_002314, NM_006646, NM_001664, NM_004924, NM_138632, NM_181335,
GOTERM_BP_ALL	actin filament-based process	14	NM_005507, NM_004368, NM_198829, NM_005206, NM_001175, NM_001511, NM_006135, NM_005731, NM_152862, NM_002314, NM_006646, NM_001664, NM_004924, NM_138632, NM_181335,
GOTERM_BP_ALL	actin polymerization and/or depolymerization	5	NM_006646, NM_198829, NM_138632, NM_006135, NM_005731, NM_152862,
GOTERM_MF_ALL	adenyl nucleotide binding	58	NM_003576, NM_031844, NM_033141, NM_173176, NM_005347, NM_001686, NM_001005273, NM_032409, NM_002953, NM_002567, NM_007317, NM_006282, NM_003987, NM_025150, NM_012393, NM_201533, NM_002969, NM_153292, NM_006597, NM_013233, NM_001261, NM_138813, NM_001357, NM_006254, NM_001001937, NM_001068, NM_012334, NM_005721, NM_212472, NM_014861, NM_002747, NM_148977, NM_139062, NM_001101, NM_001614, NM_007285, NM_024045, NM_014370, NM_003718, NM_001693, NM_003656, NM_002512, NM_005923, NM_000702, NM_004566, NM_000352, NM_005044, NM_015076, NM_004333, NM_001271, NM_007355, NM_002314, NM_000291, NM_005345, NM_017771, NM_003777, NM_030919, NM_001967, NM_014496,
GOTERM_BP_ALL	alcohol catabolism	6	NM_006755, NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_MF_ALL	alkali metal ion binding	10	NM_004174, NM_032591, NM_000238, NM_005714, NM_001014797, NM_005072, NM_152868, NM_000702, NM_004976, NM_004519,
GOTERM_BP_ALL	anion transport	10	NM_001288, NM_001005611, NM_033323, NM_033223, NM_005072, NM_001853, NM_152888, NM_002635, NM_000093, NM_004366,
GOTERM_BP_ALL	anti-apoptosis	10	NM_007308, NM_005507, NM_004323, NM_005345, NM_000700, NM_003295, NM_003897, NM_004333, NM_005347, NM_021960,

GOTERM_BP_ALL	apoptosis	32	NM_007308, NM_003810, NM_003900, NM_005507, NM_000700, NM_173176, NM_015322, NM_005347, NM_021960, NM_000312, NM_201413, NM_020529, NM_012238, NM_014550, NM_002598, NM_006282, NM_005923, NM_001066, NM_003790, NM_015675, NM_003824, NM_004323, NM_001636, NM_003897, NM_004333, NM_005745, NM_000211, NM_005345, NM_000576, NM_003295, NM_006088, NM_018434,
GOTERM_MF_ALL	ATP binding	57	NM_003576, NM_031844, NM_033141, NM_173176, NM_005347, NM_001686, NM_001005273, NM_032409, NM_002953, NM_002567, NM_007317, NM_006282, NM_003987, NM_025150, NM_012393, NM_201533, NM_002969, NM_006597, NM_013233, NM_001261, NM_138813, NM_001357, NM_006254, NM_001001937, NM_001068, NM_012334, NM_005721, NM_212472, NM_014861, NM_002747, NM_148977, NM_139062, NM_001101, NM_001614, NM_007285, NM_024045, NM_014370, NM_003718, NM_001693, NM_003656, NM_002512, NM_005923, NM_000702, NM_004566, NM_000352, NM_015076, NM_004333, NM_005044, NM_001271, NM_007355, NM_002314, NM_000291, NM_005345, NM_017771, NM_003777, NM_030919, NM_001967, NM_014496,
GOTERM_BP_ALL	ATP biosynthesis	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_BP_ALL	ATP metabolism	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_BP_ALL	ATP synthesis coupled proton transport	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_MF_ALL	ATPase activity	22	NM_007100, NM_014861, NM_006597, NM_006476, NM_006356, NM_024045, NM_000352, NM_001002031, NM_138813, NM_001271, NM_001686, NM_001005273, NM_001693, NM_001357, NM_001694, NM_001001937, NM_001685, NM_003777, NM_001001977, NM_000702, NM_001002258, NM_001967,
GOTERM_MF_ALL	ATPase activity, coupled	22	NM_007100, NM_014861, NM_006597, NM_006476, NM_006356, NM_024045, NM_000352, NM_001002031, NM_138813, NM_001271, NM_001686, NM_001005273, NM_001693, NM_001357, NM_001694, NM_001001937, NM_001685, NM_003777, NM_001001977, NM_000702, NM_001002258, NM_001967,
GOTERM_MF_ALL	ATPase activity, coupled to movement of substances	15	NM_007100, NM_014861, NM_006476, NM_006356, NM_000352, NM_001002031, NM_138813, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,

GOTERM_MF_ALL	ATPase activity, coupled to transmembrane movement of ions	14	NM_007100, NM_014861, NM_006476, NM_006356, NM_001002031, NM_138813, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,
GOTERM_MF_ALL	ATPase activity, coupled to transmembrane movement of ions, phosphorylative mechanism	6	NM_014861, NM_001694, NM_138813, NM_001686, NM_000702, NM_001693,
GOTERM_MF_ALL	ATPase activity, coupled to transmembrane movement of substances	15	NM_007100, NM_014861, NM_006476, NM_006356, NM_000352, NM_001002031, NM_138813, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,
GOTERM_MF_ALL	ba3-type cytochrome c oxidase	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_BP_ALL	behavior	13	NM_002029, NM_006489, NM_001005377, NM_001511, NM_000211, NM_020956, NM_002983, NM_002524, NM_006788, NM_002984, NM_207007, NM_002638, NM_000584, NM_001557,
GOTERM_MF_ALL	binding	503	NM_178526, NM_001007553, NM_032248, NM_021166, NM_017420, NM_005168, NM_001005273, NM_012318, NM_002013, NM_145699, NM_203374, NM_020956, NM_003908, NM_002984, NM_207007, NM_007317, NM_005072, NM_002872, NM_002356, NM_005474, NM_000424, NM_002272, NM_022486, NM_013233, NM_001064, NM_152831, NM_152868, NM_138813, NM_004519, NM_006397, NM_182706, NM_005858, NM_004227, NM_032251, NM_012482, NM_212472, NM_003290, NM_017722, NM_001101, NM_001614, NM_002146, NM_177949, NM_018282, NM_006304, NM_005968, NM_001014797, NM_033223, NM_145046, NM_003245, NM_001015052, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, NM_020548, NM_005341, NM_001037663, NM_194447, NM_003428, NM_005986, NM_030613, NM_001085, NM_021130, NM_138769, NM_020530, NM_002652, NM_052978, NM_000996, NM_001015, NM_002691, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_198829, NM_020183, NM_001024226, NM_003487, NM_001004, NM_001686, NM_002966, NM_025264, NM_205840, NM_032188, NM_003247, NM_006058, NM_006270, NM_002968, NM_032876, NM_003025, NM_003753, NM_000970, NM_001024662, NM_033267, NM_004633, NM_207414, NM_021103, NM_005484, NM_002298, NM_153292, NM_012478, NM_006135, NM_003169, NM_002635, NM_001795, NM_001357, NM_021074, NM_006497, NM_001664, NM_012334, NM_207303,
GOTERM_BP_ALL	biological process unknown	32	NM_000526, NM_006076, NM_001010850, NM_021046, NM_000421, NM_145699, NM_001007524, NM_004894, NM_001623, NM_004847, NM_201998, NM_004767, NM_002723, NM_014329, NM_002298, NM_015710, NM_001997, NM_006930, NM_006472, NM_016399, NM_032012, NM_012090, NM_012478, NM_006010, NM_021029, NM_003453, NM_002959, NM_003021, NM_002652, NM_003378, NM_025241, NM_170770, NM_004069,

			XM_371853, NM_000565, NM_001025, NM_000476, XM_927163, NM_000999, NM_001404, NM_001033056, NM_002065, NM_001028, NM_001025071, NM_005617, NM_001694, NM_000972, NM_003908, NM_170738, NM_003987, NM_017629, NM_025150, NM_007100, XM_372048, NM_001006, NM_000985, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_000975, NM_181864, NM_000989, NM_001001937, NM_004152, NM_007104, NM_000981, NM_001012, NM_002954, NM_002948, NM_001002031, NM_000983, NM_001693, NM_002585, NM_138706, NM_000786, NM_000998, NM_000969, XM_015717, NM_001685, NM_018973, NM_014445, XM_293412, NM_000988, NM_001002, NM_001114, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_002952, NM_001037663, NM_021029, NM_001009, NM_000994, XM_370611, NM_001402, NM_007355, NM_002970, NM_013234, NM_001005, NM_020244, NM_003896, NM_000996, NM_001015, NM_001025, NM_000976, NM_001002258, NM_005746, NM_001014, NM_001000, NM_001004, NM_001012321, NM_001007, NM_001686, NM_024996, NM_015414, NM_006058, NM_002568, NM_004807, NM_003753, NM_000970, NM_001024662, NM_001033853, XM_371023, NM_014180, NM_000973, NM_012393, XM_208185, NM_153292, NM_184041, NM_033251, NM_022551, NM_006356, NM_003333, NM_016219, NM_001011,
GOTERM_BP_ALL	biosynthesis	132	NM_025072, NM_001031, NM_001001, XM_496442, NM_000986, NM_000980,
GOTERM_BP_ALL	blood vessel development	5	NM_006291, NM_031917, NM_014780, NM_000584, NM_005560,
GOTERM_BP_ALL	blood vessel morphogenesis	5	NM_006291, NM_031917, NM_014780, NM_000584, NM_005560,
GOTERM_MF_ALL	caa3-type cytochrome c oxidase	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	calcium ion binding	43	NM_014861, NM_005932, NM_006384, NM_032246, NM_000700, NM_005620, NM_001014797, NM_005347, NM_005487, NM_005184, NM_002966, NM_145046, NM_003245, NM_016190, NM_012318, NM_000312, NM_003247, NM_001623, NM_004847, NM_001002857, NM_019554, NM_033546, NM_022087, NM_020860, NM_002298, NM_002965, NM_153292, NM_022486, NM_001064, NM_012090, NM_023035, NM_001795, NM_001031717, NM_016219, NM_024329, NM_020672, NM_004924, NM_003295, NM_002664, NM_138769, NM_015055, NM_021019, NM_079423, NM_005245, NM_002964,
GOTERM_MF_ALL	calmodulin binding	7	NM_023009, NM_004368, NM_153292, NM_032246, NM_003656, NM_002923, NM_002356,
GOTERM_MF_ALL	cAMP-dependent protein kinase activity	13	NM_002747, NM_003576, NM_002969, NM_013233, NM_001261, NM_014370, NM_005044, NM_032409, NM_002314, NM_002953, NM_006282, NM_014496, NM_212472,

GOTERM_MF_ALL	carrier activity	39	NM_004074, NM_014861, NM_004549, NM_006294, NM_006476, NM_033323, NM_001002031, NM_004255, NM_001686, NM_001863, NM_001693, NM_152313, NM_001865, NM_019849, NM_002491, NM_001694, NM_005072, NM_001685, NM_001001977, NM_000702, NM_007100, NM_138454, NM_001636, NM_004374, NM_145283, NM_006356, NM_014402, NM_002635, NM_138813, NM_021074, NM_004174, NM_032591, NM_002489, NM_001001937, NM_004541, NM_000126, NM_005858, NM_001002258, NM_030777,
GOTERM_BP_ALL	cation transport	33	NM_014861, NM_006476, NM_001014797, NM_001002031, NM_001686, NM_178867, NM_001693, NM_002032, NM_001694, NM_005072, NM_001685, NM_000146, NM_001001977, NM_000702, NM_007100, NM_000352, NM_006356, NM_023035, NM_152868, NM_138813, NM_004976, NM_004519, NM_001426, NM_004174, NM_001288, NM_032591, NM_000238, NM_016321, NM_001001937, NM_005714, NM_015353, NM_032513, NM_001002258,
GOTERM_MF_ALL	cation transporter activity	44	NM_004074, NM_014861, NM_004549, NM_006294, NM_033323, NM_006476, NM_001002031, NM_001014797, NM_004255, NM_001686, NM_001863, NM_178867, NM_001693, NM_001865, NM_002491, NM_001694, NM_005072, NM_001685, NM_001001977, NM_000702, NM_007100, NM_004374, NM_023035, NM_006356, NM_000352, NM_152868, NM_014402, NM_138813, NM_004976, NM_004519, NM_001426, NM_021074, NM_004174, NM_001288, NM_032591, NM_000238, NM_016321, NM_002489, NM_005714, NM_001001937, NM_004541, NM_015353, NM_032513, NM_001002258,
GOTERM_MF_ALL	cation-transporting ATPase activity	12	NM_007100, NM_014861, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_MF_ALL	cbb3-type cytochrome c oxidase	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,

GOTERM_CC_ALL	cell	599	NM_000552, NM_002799, NM_178526, NM_032246, NM_021100, NM_017426, NM_003108, NM_001005273, NM_000999, NM_152313, NM_012318, NM_002013, NM_203374, NM_020956, NM_003908, NM_007317, NM_005072, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_152831, NM_024700, NM_152888, NM_152868, NM_138813, NM_004519, NM_006263, NM_182706, NM_019084, NM_007104, NM_013230, NM_005858, NM_004227, NM_012482, NM_212472, NM_003290, NM_003125, NM_016604, NM_001101, NM_001614, NM_002146, NM_177949, NM_006304, NM_005968, NM_001014797, NM_033223, NM_145046, NM_003245, NM_001015052, NM_018694, NM_019849, NM_006617, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_016127, NM_032947, NM_005341, NM_001037663, NM_194447, NM_021029, NM_003332, NM_000994, NM_003428, NM_005986, NM_030613, NM_001085, NM_004541, NM_021130, NM_052978, NM_000996, NM_001015, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_198829, NM_020183, NM_001024226, NM_003487, NM_000421, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006270, NM_002968, NM_006058, NM_003753, NM_003025, NM_000970, NM_001024662, NM_033267, NM_004633, NM_021103, NM_005484, NM_004366,
GOTERM_BP_ALL	cell cycle	38	NM_002747, NM_017900, NM_212492, NM_001101, NM_001614, NM_014781, NM_003718, NM_020357, NM_001623, NM_004847, NM_001800, NM_020238, NM_001665, NM_007317, NM_002512, NM_002823, NM_005072, NM_014780, NM_018171, NM_005474, NM_003641, NM_002969, NM_006930, NM_015714, NM_012090, NM_005938, NM_001261, NM_002710, NM_003169, NM_019001, NM_003333, NM_006497, NM_000576, NM_022118, NM_002524, NM_019084, NM_005858, NM_000584, NM_002923, NM_022117,
GOTERM_BP_ALL	cell cycle arrest	6	NM_002969, NM_001623, NM_004847, NM_001800, NM_012090, NM_005938, NM_000584,
GOTERM_BP_ALL	cell death	33	NM_007308, NM_005507, NM_003810, NM_003900, NM_000700, NM_173176, NM_015322, NM_005347, NM_021960, NM_000312, NM_201413, NM_020529, NM_012238, NM_014550, NM_002598, NM_006282, NM_005923, NM_001066, NM_003790, NM_015675, NM_003824, NM_004323, NM_001636, NM_003897, NM_023035, NM_004333, NM_005745, NM_000211, NM_005345, NM_000576, NM_003295, NM_006088, NM_018434,

GOTERM_BP_ALL	cell differentiation	34	NM_003900, NM_032108, NM_003125, NM_031917, NM_006181, NM_003245, NM_201535, NM_021960, NM_205840, NM_002585, NM_001024, NM_006096, NM_020956, NM_012238, NM_005987, NM_005988, NM_003656, NM_006291, NM_014780, NM_003987, NM_005474, NM_000424, NM_002272, NM_015675, NM_002969, NM_001022, NM_002705, NM_001005611, NM_178439, NM_001017418, NM_006945, NM_002581, NM_003333, NM_002959, NM_005560, NM_005416,
GOTERM_CC_ALL	cell fraction	41	NM_003810, NM_004549, NM_015256, NM_181642, NM_005968, NM_001002031, NM_004781, NM_001304, NM_206887, NM_002835, NM_000433, NM_002983, NM_002827, NM_001002857, NM_005729, NM_003458, NM_005072, NM_001685, NM_004366, NM_001005611, NM_152831, NM_152868, NM_001795, NM_004976, NM_021999, NM_014723, NM_004519, NM_016219, NM_021074, NM_001288, NM_020244, NM_000238, NM_005714, NM_014300, NM_001001937, NM_004541, NM_006457, NM_000584, NM_004227, NM_001002258, NM_003761,
GOTERM_BP_ALL	cell homeostasis	9	NM_002032, NM_201413, NM_002983, NM_025072, NM_023035, NM_005072, NM_000146, NM_000702, NM_021960,
GOTERM_BP_ALL	cell ion homeostasis	7	NM_002032, NM_201413, NM_002983, NM_023035, NM_005072, NM_000146, NM_000702,
GOTERM_BP_ALL	cell migration	6	NM_181335, NM_006181, NM_000584, NM_005560, NM_000211, NM_003333,
GOTERM_BP_ALL	cell motility	27	NM_005720, NM_000700, NM_005206, NM_001101, NM_001614, NM_001005377, NM_001175, NM_006181, NM_002983, NM_002984, NM_207007, NM_181335, NM_000702, NM_002356, NM_002029, NM_006135, NM_003370, NM_003333, NM_000211, NM_005731, NM_152862, NM_002314, NM_004924, NM_002524, NM_003777, NM_003329, NM_001557, NM_000584, NM_005560, NM_005721,

GOTERM_BP_ALL	cell organization and biogenesis	88	NM_005507, NM_032452, NM_021109, NM_198829, NM_006082, NM_001024226, NM_022822, NM_001175, NM_000044, NM_001511, NM_198398, NM_005487, NM_001005273, NM_005131, NM_205840, NM_032188, NM_006646, XM_293312, NM_000972, NM_001017998, NM_007317, NM_002984, NM_207007, NM_181335, NM_002971, NM_003987, NM_021103, NM_005474, NM_000424, NM_002272, NM_004368, NM_001636, NM_199040, NM_014292, NM_006135, NM_003169, NM_000978, NM_003333, NM_005731, NM_152862, NM_002284, NM_001664, NM_002136, NM_001013699, NM_005324, NM_003624, NM_003900, NM_005932, NM_183049, NM_005206, NM_001436, NM_007285, NM_006181, NM_004781, NM_057088, NM_022080, NM_003245, NM_001662, NM_152879, NM_020529, NM_002983, NM_012238, NM_002486, NM_006305, NM_183040, NM_014445, NM_006009, NM_033396, NM_001002, NM_007347, NM_003569, NM_001271, NM_001037494, NM_005745, NM_000211, NM_002959, NM_005986, NM_173086, NM_002314, NM_004924, NM_020244, NM_138632, NM_020530, NM_006088, NM_006357, NM_003777, NM_004069, NM_031431, NM_020649, NM_022117, NM_005560,
GOTERM_BP_ALL	cell proliferation	28	NM_005746, NM_173176, NM_005620, NM_001511, NM_000044, NM_003718, NM_205840, NM_057091, NM_002032, NM_153232, NM_001623, NM_004847, NM_001800, NM_001665, NM_002512, NM_003288, NM_018171, NM_003641, NM_000424, NM_002272, NM_005938, NM_001261, NM_002357, NM_000576, NM_020530, NM_003329, NM_001557, NM_000584, NM_006763, NM_005560,
GOTERM_CC_ALL	cell surface	7	NM_004475, NM_201413, NM_006597, NM_001005377, NM_001494, NM_000918, NM_005347,
GOTERM_BP_ALL	cell-cell signaling	26	NM_003810, NM_005746, NM_006489, NM_007285, NM_001014797, NM_033223, NM_000044, NM_001033056, NM_002065, NM_002983, NM_001405, NM_002984, NM_207007, NM_003458, NM_002965, NM_004114, NM_023035, NM_004519, NM_003333, NM_000211, NM_014723, NM_002341, NM_000576, NM_020530, NM_017771, NM_003329, NM_000584, NM_005245,

GOTERM_BP_ALL	cellular biosynthesis	128	XM_371853, NM_000363, NM_001023, NM_000476, XM_927163, NM_000999, NM_001404, NM_001033056, NM_002065, NM_001028, NM_001025071, NM_005617, NM_001694, NM_000972, NM_003908, NM_170738, NM_003987, NM_017629, NM_025150, NM_007100, XM_372048, NM_001006, NM_000985, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_000975, NM_181864, NM_000989, NM_001001937, NM_004152, NM_007104, NM_000981, NM_001012, NM_002954, NM_002948, NM_001002031, NM_000983, NM_001693, NM_002585, NM_138706, NM_000998, NM_000969, XM_015717, NM_001685, NM_018973, NM_014445, XM_293412, NM_000988, NM_001002, NM_001114, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_002952, NM_001037663, NM_021029, NM_001009, NM_000994, XM_370611, NM_001402, NM_002970, NM_013234, NM_001005, NM_003896, NM_000996, NM_001015, NM_001025, NM_000976, NM_001002258, NM_005746, NM_001014, NM_001000, NM_001004, NM_001012321, NM_001007, NM_001686, NM_024996, NM_015414, NM_006058, NM_002568, NM_004807, NM_003753, NM_000970, NM_001024662, NM_001033853, XM_371023, NM_014180, NM_000973, NM_012393, XM_208185, NM_184041, NM_033251, NM_022551, NM_006356, NM_003333, NM_016219, NM_001011, NM_025072, NM_001031, NM_001001, XM_496442, NM_000986, NM_000980, NM_148977, NM_000992, XM_495839, NM_000661, NM_005801,
GOTERM_BP_ALL	cellular localization	32	NM_003900, NM_032452, NM_005932, NM_006082, NM_001024226, NM_022822, NM_007285, NM_198398, NM_005487, NM_022080, NM_005131, NM_001662, NM_020529, NM_002486, NM_006305, NM_001017998, NM_007317, NM_006009, NM_001636, NM_199040, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_001664, NM_006088, NM_003777, NM_004069, NM_002136, NM_031431, NM_003624,

GOTERM_BP_ALL	cellular macromolecule metabolism	193	NM_002799, NM_005576, NM_001025, NM_032246, NM_000999, NM_194460, NM_002013, NM_032409, NM_021009, NM_001028, NM_003908, NM_018320, NM_014780, NM_017629, XM_372048, NM_001032, NM_002969, NM_006597, XM_371019, NM_013233, NM_152831, NM_000975, NM_006254, NM_007104, NM_015133, NM_212472, NM_001005377, NM_006304, NM_005609, NM_000983, NM_145046, NM_003245, NM_000998, NM_005500, NM_003656, NM_018973, NM_005923, XM_293412, NM_000988, NM_033625, NM_001022, NM_018998, NM_001037663, NM_005044, NM_021029, NM_000994, NM_001402, NM_013234, NM_003828, NM_021130, NM_006088, NM_000996, NM_170770, NM_001015, NM_000976, NM_017900, NM_006082, NM_198829, NM_033141, NM_001004, NM_001012321, NM_015414, NM_006646, NM_006058, NM_003753, NM_000970, NM_001024662, NM_001017998, NM_014180, NM_005484, XM_208185, NM_033251, NM_022551, NM_014615, NM_006135, NM_194252, NM_001011, NM_001001, XM_496442, NM_000986, NM_000980, NM_014370, NM_002800, XM_495839, NM_005801, NM_001024, XM_058967, NM_000312, NM_152269, NM_012238, NM_001030009, NM_183421, NM_145897, NM_012235, NM_012423, NM_003973, NM_004333, NM_001020, NM_002314, NM_138632, NM_006357, NM_017771, NM_030919, NM_014496, XM_371853, NM_173176, XM_927103, NM_001404, NM_002835, NM_001025071, NM_005617, NM_002953, NM_002827,
GOTERM_BP_ALL	cellular metabolism	375	NM_002799, NM_005576, NM_005634, NM_032246, NM_001007555, NM_001625, NM_017420, NM_006476, NM_003108, NM_000044, NM_018429, NM_001005273, NM_000999, NM_194460, NM_021009, NM_000636, NM_001024466, NM_032409, NM_002013, NM_001028, NM_001694, NM_016311, NM_178190, NM_003908, NM_018320, NM_014780, NM_152414, NM_021167, NM_017629, NM_005474, XM_372048, NM_001032, NM_002969, NM_006597, XM_371019, NM_013416, NM_013233, NM_152831, NM_145283, NM_006397, NM_014884, NM_000975, NM_006254, NM_007104, NM_032251, NM_015133, NM_012482, NM_212472, NM_001039465, NM_017722, NM_002146, NM_002537, NM_018282, NM_001005377, NM_006304, NM_000983, NM_005609, NM_003245, NM_145046, NM_001015052, NM_032836, NM_001693, NM_018694, NM_002585, NM_000200, NM_003113, NM_000998, NM_005121, NM_005500, NM_003656, NM_013293, NM_018973, NM_005923, XM_293412, NM_000988, NM_005341, NM_033625, NM_001022, NM_018998, NM_005413, NM_005044, NM_001037663, NM_021029, NM_000994, NM_001402, NM_003428, NM_002970, NM_000843, NM_005986, NM_013234, NM_003828, NM_004593, NM_004541, NM_021130, NM_006088, NM_170770, NM_000996, NM_002691, NM_001015, NM_005437, NM_001002258, NM_000976, NM_018942, NM_013286, NM_017900, NM_033141, NM_198829, NM_006082, NM_020183, NM_001004, NM_207395, NM_001012321, NM_001686,

GOTERM_BP_ALL	cellular physiological process	516	NM_002799, NM_178526, NM_001007553, NM_032240, NM_017420, NM_005168, NM_001005273, NM_000999, NM_152313, NM_002013, NM_003908, NM_002984, NM_207007, NM_007317, NM_005072, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_152831, NM_152888, NM_152868, NM_138813, NM_004519, NM_006397, NM_019084, NM_007104, NM_005858, NM_004227, NM_032251, NM_012482, NM_212472, NM_017722, NM_001101, NM_001614, NM_002146, NM_018282, NM_006304, NM_001014797, NM_033223, NM_145046, NM_003245, NM_001015052, NM_018694, NM_019849, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_020548, NM_005341, NM_018998, NM_001037663, NM_021029, NM_000994, NM_003428, NM_005986, NM_003828, NM_004541, NM_021130, NM_020530, NM_000996, NM_001015, NM_002691, NM_001002258, NM_018942, NM_017900, NM_198829, NM_020183, NM_001024226, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006058, NM_002968, NM_003753, NM_000970, NM_001024662, NM_033267, NM_021103, NM_005484, NM_004366, NM_153292, NM_006135, NM_003169, NM_002635, NM_021074, NM_006497, NM_194252, NM_001664, NM_005267, NM_000532, NM_003761, NM_000980, NM_003003, NM_145648, NM_005620, NM_005566, NM_002800, NM_001865, NM_005801,
GOTERM_BP_ALL	cellular process	577	NM_002799, NM_178526, NM_001007553, NM_032240, NM_017420, NM_005168, NM_001005273, NM_000999, NM_152313, NM_012318, NM_002013, NM_020956, NM_003908, NM_002984, NM_207007, NM_007317, NM_005072, NM_152414, NM_002872, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_152831, NM_152888, NM_152868, NM_138813, NM_004519, NM_006397, NM_019084, NM_007104, NM_013230, NM_005858, NM_004227, NM_032251, NM_012482, NM_212472, NM_003125, NM_017722, NM_001101, NM_001614, NM_002146, NM_018282, NM_006304, NM_001014797, NM_033223, NM_145046, NM_003245, NM_001015052, NM_018694, NM_019849, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_020548, NM_005341, NM_018998, NM_001037663, NM_194447, NM_021029, NM_003332, NM_000994, NM_003428, NM_005986, NM_003828, NM_004541, NM_021130, NM_138769, NM_020530, NM_000996, NM_001015, NM_002691, NM_001002258, NM_018942, NM_017900, NM_198829, NM_020183, NM_001024226, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_003247, NM_006058, NM_006270, NM_002968, NM_003025, NM_003753, NM_000970, NM_001024662, NM_033267, NM_021103, NM_005484, NM_004366, NM_153292, NM_006135, NM_003169, NM_002635, NM_001795, NM_021074, NM_006497, NM_194252, NM_001664,

GOTERM_BP_ALL	cellular protein metabolism	191	NM_002799, XM_371853, NM_005576, NM_032246, NM_001025, NM_175176, XM_927103, NM_000999, NM_001404, NM_194460, NM_021009, NM_032409, NM_002013, NM_001028, NM_002835, NM_002953, NM_001025071, NM_005617, NM_000972, NM_002827, NM_003908, NM_018320, NM_016406, NM_170738, NM_014780, NM_130901, NM_025150, NM_017629, NM_000985, XM_372048, NM_001006, NM_001032, NM_001026, NM_004323, NM_002969, NM_001997, NM_006597, XM_371019, NM_013233, NM_152831, NM_001261, NM_144641, NM_000978, NM_000975, NM_000989, NM_006254, NM_007104, NM_000981, NM_015133, NM_001012, NM_002954, NM_212472, NM_001005377, NM_002948, NM_006304, NM_000983, NM_003245, NM_145046, NM_138706, NM_000998, NM_005500, NM_003656, NM_000969, XM_015717, NM_018973, NM_014445, NM_005923, NM_006009, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_004877, NM_012158, NM_006930, NM_000984, NM_001017, NM_018998, NM_003347, NM_005044, NM_001037663, NM_002952, NM_021029, NM_001009, XM_370611, NM_002581, NM_000994, NM_001402, NM_007355, NM_013234, NM_001005, NM_003828, NM_003896, NM_021130, NM_006088, NM_170770, NM_000996, NM_000801, NM_001015, NM_001025, NM_000976, NM_017900, NM_001014, NM_033141, NM_198829, NM_006082, NM_001000, NM_001004, NM_001007, NM_001012321, NM_024996, NM_005576,
GOTERM_BP_ALL	central nervous system development	7	NM_007308, NM_002585, NM_006617, NM_003025, NM_005634, NM_005413, NM_014496,
GOTERM_BP_ALL	chemotaxis	10	NM_002029, NM_002983, NM_002524, NM_006788, NM_001005377, NM_002984, NM_207007, NM_001511, NM_001557, NM_000584, NM_000211,
GOTERM_CC_ALL	chromatin	14	NM_002229, NM_005634, NM_014292, NM_005487, NM_001271, NM_001005273, NM_032188, NM_003113, XM_293312, NM_020238, NM_020649, NM_005324, NM_001013699, NM_033396,
GOTERM_BP_ALL	chromatin assembly	6	XM_293312, NM_012238, NM_001013699, NM_005324, NM_022117, NM_005474,
GOTERM_BP_ALL	chromatin assembly or disassembly	11	NM_032188, XM_293312, NM_012238, NM_014292, NM_001271, NM_001005273, NM_001013699, NM_005324, NM_022117, NM_020649, NM_005474,
GOTERM_MF_ALL	chromatin binding	5	NM_032188, NM_014292, NM_001271, NM_001005273, NM_020649,
GOTERM_BP_ALL	chromatin modification	7	NM_032188, NM_012238, NM_014292, NM_003169, NM_001005273, NM_020649, NM_005474,
GOTERM_CC_ALL	chromosome	17	NM_002229, NM_005634, NM_004729, NM_014292, NM_005487, NM_001271, NM_001005273, NM_032188, NM_003113, XM_293312, NM_020238, NM_007317, NM_001068, NM_001013699, NM_020649, NM_005324, NM_033396,

GOTERM_BP_ALL	chromosome organization and biogenesis	15	NM_014292, NM_003169, NM_001271, NM_001005273, NM_005986, NM_032188, XM_293312, NM_012238, NM_002971, NM_020649, NM_022117, NM_005324, NM_001013699, NM_033396, NM_005474,
GOTERM_BP_ALL	chromosome organization and biogenesis (sensu Eukaryota)	15	NM_014292, NM_003169, NM_001271, NM_001005273, NM_005986, NM_032188, XM_293312, NM_012238, NM_002971, NM_020649, NM_022117, NM_005324, NM_001013699, NM_033396, NM_005474,
GOTERM_BP_ALL	coenzyme biosynthesis	15	NM_007100, NM_005746, NM_148977, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_002970, NM_181864, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258,
GOTERM_BP_ALL	coenzyme metabolism	20	NM_007100, NM_016518, NM_005746, NM_006755, NM_000365, NM_148977, NM_015256, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_002970, NM_181864, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_001098,
GOTERM_BP_ALL	cofactor biosynthesis	15	NM_007100, NM_005746, NM_148977, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_002970, NM_181864, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258,
GOTERM_BP_ALL	cofactor metabolism	20	NM_007100, NM_016518, NM_005746, NM_006755, NM_000365, NM_148977, NM_015256, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_002970, NM_181864, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_001098,
GOTERM_MF_ALL	cyclic nucleotide-dependent protein kinase activity	13	NM_002747, NM_003576, NM_002969, NM_013233, NM_001261, NM_014370, NM_005044, NM_032409, NM_002314, NM_002953, NM_006282, NM_014496, NM_212472,
GOTERM_MF_ALL	cytochrome-c oxidase activity	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	cytokine activity	13	NM_003810, NM_005746, NM_001010850, NM_001005611, NM_001511, NM_002341, NM_002983, NM_000576, NM_020530, NM_002984, NM_207007, NM_000584, NM_002964, NM_173842,
GOTERM_MF_ALL	cytokine binding	5	NM_000628, NM_001557, NM_001066, NM_004633, NM_003790,

GOTERM_CC_ALL	cytoplasm	277	NM_005507, NM_006532, NM_002799, NM_178526, NM_001025, NM_000476, NM_000044, NM_000999, NM_012318, NM_032409, NM_000636, NM_001024466, NM_001028, NM_001694, NM_016311, NM_178190, NM_003908, NM_005988, NM_005474, XM_372048, NM_001032, NM_002969, XM_371019, NM_001636, NM_013416, NM_013233, NM_152888, NM_006263, NM_000975, NM_001288, NM_006254, NM_003295, NM_007104, NM_015133, NM_003125, NM_006304, NM_000983, NM_145046, NM_003245, NM_032836, NM_178867, NM_017657, NM_001693, NM_000998, NM_006305, NM_183040, NM_018973, XM_293412, NM_000988, NM_033546, NM_003790, NM_033625, NM_001022, NM_001037663, NM_021029, NM_000994, NM_001402, NM_021130, NM_004541, NM_006088, NM_000996, NM_001015, NM_000976, NM_001002258, NM_005480, NM_021109, NM_001024226, NM_000700, NM_001004, NM_001012321, NM_001686, NM_015414, NM_205840, NM_001031677, NM_003025, NM_003753, NM_000970, NM_001024662, NM_014180, NM_021103, NM_001098, NM_002816, XM_208185, NM_002298, NM_153292, NM_033251, NM_022551, NM_198440, NM_002635, NM_001357, NM_021074, NM_001011, NM_022130, NM_000532, NM_001001, NM_031212, NM_003761, XM_496442, NM_000986, NM_006423, NM_000980, NM_001641, NM_015256, NM_003003, NM_006294, NM_014279, NM_007285, NM_005620, NM_022080, XM_495839, NM_005566, NM_002800, NM_001865,
GOTERM_MF_ALL	cytoskeletal protein binding	28	NM_003290, NM_005507, NM_021109, NM_183049, NM_007285, NM_006646, NM_153649, NM_001002857, NM_014548, NM_021103, NM_033396, NM_002356, NM_004368, NM_002298, NM_004877, NM_012090, NM_006135, NM_003370, NM_000256, NM_004924, NM_016321, NM_138632, NM_002652, NM_017771, NM_006457, NM_012334, NM_015133, NM_005456,
GOTERM_CC_ALL	cytoskeleton	64	NM_005507, NM_021109, NM_006082, NM_022822, NM_021046, NM_000421, NM_173176, NM_005555, NM_001175, NM_006646, NM_153649, NM_005988, NM_007317, NM_014548, NM_021103, NM_002356, NM_005554, NM_000424, NM_002272, NM_199187, NM_004368, NM_001005611, NM_006135, NM_005731, NM_152862, NM_003388, NM_173352, NM_002284, NM_004389, NM_001664, NM_004693, NM_021019, NM_079423, NM_012334, NM_005721, NM_004434, NM_000526, NM_003290, NM_003125, NM_000226, NM_005720, NM_001101, NM_001614, NM_007285, NM_057088, NM_003245, NM_006617, NM_002274, NM_153490, NM_020238, NM_002276, NM_003458, NM_006009, NM_033546, NM_002705, NM_001017418, NM_006945, NM_012090, NM_004607, NM_003370, NM_001037494, NM_000256, NM_000211, NM_173086, NM_002213, NM_004924, NM_138632, NM_006088, NM_003777, NM_032488,

GOTERM_BP_ALL	cytoskeleton organization and biogenesis	30	NM_005507, NM_006082, NM_198829, NM_021109, NM_183049, NM_022822, NM_005206, NM_001175, NM_001511, NM_057088, NM_006646, NM_002983, NM_007317, NM_181335, NM_006009, NM_021103, NM_000424, NM_002272, NM_004368, NM_006135, NM_001037494, NM_005731, NM_152862, NM_002284, NM_173086, NM_002314, NM_001664, NM_004924, NM_138632, NM_006088, NM_003777, NM_005560,
GOTERM_CC_ALL	cytosol	47	NM_003900, NM_002799, NM_000980, NM_001014, NM_022822, NM_006304, NM_001004, NM_000992, NM_005347, NM_000983, NM_001012321, NM_201535, NM_002800, NM_005566, NM_002809, NM_017657, NM_015414, NM_002810, NM_000433, NM_001033853, NM_000970, NM_001024662, NM_000969, NM_000968, NM_145897, NM_001002, NM_003790, NM_000971, NM_002816, NM_033625, NM_005789, NM_002298, NM_001022, NM_003973, NM_153292, NM_013416, NM_033251, NM_000990, NM_002952, NM_001009, NM_006263, NM_001005, NM_003407, NM_000996, NM_006457, NM_006013, NM_000981, NM_000976,
GOTERM_CC_ALL	cytosolic large ribosomal subunit (sensu Eukaryota)	18	NM_000971, NM_033625, NM_000980, NM_003973, NM_000990, NM_001004, NM_000992, NM_000983, NM_015414, NM_000970, NM_001024662, NM_001033853, NM_000969, NM_000996, NM_006013, NM_000968, NM_000981, NM_000976, NM_001002,
GOTERM_CC_ALL	cytosolic ribosome (sensu Eukaryota)	25	NM_000980, NM_001014, NM_001004, NM_000992, NM_001012321, NM_000983, NM_015414, NM_000970, NM_001024662, NM_001033853, NM_000969, NM_000968, NM_001002, NM_033625, NM_000971, NM_001022, NM_003973, NM_033251, NM_000990, NM_002952, NM_001009, NM_001005, NM_000996, NM_006013, NM_000981, NM_000976,
GOTERM_CC_ALL	cytosolic small ribosomal subunit (sensu Eukaryota)	6	NM_001005, NM_001014, NM_001022, NM_002952, NM_001012321, NM_001009,
GOTERM_BP_ALL	death	33	NM_007308, NM_005507, NM_003810, NM_003900, NM_000700, NM_173176, NM_015322, NM_005347, NM_021960, NM_000312, NM_201413, NM_020529, NM_012238, NM_014550, NM_002598, NM_006282, NM_005923, NM_001066, NM_003790, NM_015675, NM_003824, NM_004323, NM_001636, NM_003897, NM_023035, NM_004333, NM_005745, NM_000211, NM_005345, NM_000576, NM_003295, NM_006088, NM_018434,

GOTERM_BP_ALL	defense response	57	NM_003810, NM_006332, NM_001010850, NM_002432, NM_000700, NM_001175, NM_001511, NM_004048, NM_000636, NM_001024466, NM_205840, NM_000628, NM_002032, NM_006058, NM_001623, NM_004847, NM_002984, NM_207007, NM_181652, NM_004633, NM_004267, NM_005474, NM_173842, NM_002468, NM_002029, NM_004107, NM_153292, NM_001005611, NM_013416, NM_006263, NM_016219, NM_005516, NM_005267, NM_013230, NM_001002235, NM_002964, NM_003900, NM_002800, NM_005252, NM_000200, NM_000433, NM_152879, NM_002983, NM_005194, NM_003790, NM_003641, NM_003824, NM_002965, NM_005745, NM_194447, NM_003332, NM_000211, NM_005849, NM_001085, NM_002341, NM_000576, NM_020530, NM_018643, NM_001557, NM_000584,
GOTERM_BP_ALL	development	104	NM_001007553, NM_005634, NM_017420, NM_005168, NM_001511, NM_000044, NM_012318, NM_020956, NM_005988, NM_002984, NM_207007, NM_014548, NM_014780, NM_003987, NM_005474, NM_000424, NM_002272, NM_199187, NM_002969, NM_020860, NM_004114, NM_021019, NM_079423, NM_005416, NM_007308, NM_000526, NM_003125, NM_000226, NM_002146, NM_006304, NM_181870, NM_003245, NM_206887, NM_021960, NM_057091, NM_000200, NM_002585, NM_006617, NM_006096, NM_002274, NM_153490, NM_003656, NM_002823, NM_004475, NM_014213, NM_001022, NM_005413, NM_001017418, NM_006945, NM_023035, NM_002581, NM_021999, NM_003564, NM_020244, NM_020530, NM_005437, NM_006457, NM_022117, NM_198829, NM_000421, NM_005555, NM_001175, NM_201535, NM_025264, NM_205840, NM_002968, NM_003025, NM_207171, NM_005987, NM_006291, NM_024016, NM_005554, NM_001005611, NM_003897, NM_000263, NM_003333, NM_021074, NM_003260, NM_006497, NM_002524, NM_207303, NM_003900, NM_032108, NM_014279, NM_031917, NM_006181, NM_000992, NM_003718, NM_005252, NM_001024, NM_152879, NM_012238, NM_001002857, NM_015675, NM_002705, NM_001009181, NM_178439, NM_004333, NM_000211, NM_002959, NM_001426, NM_002213, NM_002357, NM_002314, NM_006357, NM_000584, NM_005245, NM_005560, NM_014496,
GOTERM_BP_ALL	di-, tri-valent inorganic cation transport	7	NM_002032, NM_014861, NM_001288, NM_032513, NM_023035, NM_000146, NM_178867,
GOTERM_MF_ALL	diacylglycerol binding	5	NM_152879, NM_020244, NM_006254, NM_004333, NM_201533,
GOTERM_BP_ALL	DNA packaging	14	NM_014292, NM_003169, NM_001271, NM_001005273, NM_005986, NM_032188, XM_293312, NM_012238, NM_002971, NM_020649, NM_022117, NM_005324, NM_001013699, NM_005474,
GOTERM_CC_ALL	DNA-directed RNA polymerase II, holoenzyme	5	NM_005335, NM_005121, NM_003487, NM_015859, NM_012482,

GOTERM_BP_ALL	ectoderm development	16	NM_005554, NM_000526, NM_000424, NM_002272, NM_003125, NM_004475, NM_002705, NM_000226, NM_001005611, NM_000421, NM_005555, NM_001017418, NM_006945, NM_003245, NM_002274, NM_153490, NM_005987, NM_005988, NM_005416,
GOTERM_MF_ALL	electron carrier activity	8	NM_002491, NM_138454, NM_021074, NM_004549, NM_002489, NM_004541, NM_000126, NM_145283,
GOTERM_BP_ALL	electron transport	24	NM_016518, NM_138454, NM_004074, NM_004549, NM_000018, NM_153292, NM_013416, NM_004374, NM_006294, NM_145283, NM_000918, NM_004255, NM_014402, NM_001863, NM_001865, NM_002491, NM_021074, NM_000786, NM_201413, NM_000126, NM_025072, NM_003329, NM_025150, NM_207127,
GOTERM_MF_ALL	electron transporter activity	19	NM_138454, NM_004549, NM_153292, NM_013416, NM_145283, NM_000918, NM_004255, NM_005576, NM_001865, NM_002491, NM_021074, NM_000433, NM_002489, NM_004541, NM_000126, NM_025072, NM_181652, NM_003329, NM_025150,
GOTERM_MF_ALL	endopeptidase inhibitor activity	10	NM_003064, NM_030666, NM_201413, NM_001085, NM_000100, NM_181642, NM_002567, NM_002638, NM_001002235, NM_005213,
GOTERM_CC_ALL	endosome	7	NM_002029, NM_005817, NM_003295, NM_003569, NM_018171, NM_003761, NM_002959,
GOTERM_CC_ALL	envelope	23	NM_004074, NM_004549, NM_178526, NM_015256, NM_001636, NM_006294, NM_001002031, NM_004255, NM_014402, NM_002635, NM_001686, NM_001863, NM_021960, NM_001865, NM_003564, NM_021074, NM_001288, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_003624, NM_001002258,
GOTERM_MF_ALL	enzyme activator activity	14	NM_005789, NM_004877, NM_001175, NM_001511, NM_006263, NM_194301, NM_005500, NM_006788, NM_022771, NM_001494, NM_181335, NM_005923, NM_002923, NM_018390,
GOTERM_MF_ALL	enzyme binding	17	NM_003824, NM_003900, NM_003347, NM_003169, NM_032836, NM_000211, NM_002032, NM_020529, NM_020812, NM_138632, NM_006457, NM_005858, NM_006098, NM_003624, NM_015133, NM_033396, NM_005456,
GOTERM_MF_ALL	enzyme inhibitor activity	20	NM_003064, NM_212492, NM_004877, NM_000700, NM_181642, NM_002537, NM_005347, NM_030666, NM_001085, NM_201413, NM_000100, NM_016311, NM_178190, NM_001002857, NM_001800, NM_002567, NM_004152, NM_002638, NM_001002235, NM_005213, NM_005456,

GOTERM_MF_ALL	enzyme regulator activity	37	NM_212492, NM_000700, NM_181642, NM_002537, NM_001175, NM_001511, NM_005347, NM_030666, NM_201413, NM_020812, NM_000100, NM_016311, NM_178190, NM_001002857, NM_194301, NM_005500, NM_001800, NM_002567, NM_006788, NM_181335, NM_002638, NM_005923, NM_005213, NM_003064, NM_005789, NM_004877, NM_007355, NM_006263, NM_001085, NM_022771, NM_001494, NM_004152, NM_001002235, NM_004227, NM_002923, NM_018390, NM_005456, NM_212472,
GOTERM_BP_ALL	epidermal cell differentiation	7	NM_003125, NM_002705, NM_005987, NM_005988, NM_001017418, NM_006945, NM_003245, NM_005416,
GOTERM_BP_ALL	epidermis development	13	NM_000424, NM_002272, NM_000526, NM_003125, NM_004475, NM_002705, NM_000226, NM_000421, NM_001017418, NM_006945, NM_003245, NM_002274, NM_153490, NM_005987, NM_005988, NM_005416,
GOTERM_BP_ALL	epidermis morphogenesis	7	NM_003125, NM_002705, NM_005987, NM_005988, NM_001017418, NM_006945, NM_003245, NM_005416,
GOTERM_BP_ALL	ER to Golgi vesicle-mediated transport	5	NM_001024226, NM_198398, NM_022080, NM_005745, NM_001662,
GOTERM_BP_ALL	establishment and/or maintenance of chromatin architecture	14	NM_014292, NM_003169, NM_001271, NM_001005273, NM_005986, NM_032188, XM_293312, NM_012238, NM_002971, NM_020649, NM_022117, NM_005324, NM_001013699, NM_005474,
GOTERM_BP_ALL	establishment of cellular localization	32	NM_003900, NM_032452, NM_005932, NM_006082, NM_001024226, NM_022822, NM_007285, NM_198398, NM_005487, NM_022080, NM_005131, NM_001662, NM_020529, NM_002486, NM_006305, NM_001017998, NM_007317, NM_006009, NM_001636, NM_199040, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_001664, NM_006088, NM_003777, NM_004069, NM_002136, NM_031431, NM_003624,

GOTERM_BP_ALL	establishment of localization	159	NM_032452, NM_178526, NM_022822, NM_006476, NM_006644, NM_005487, NM_005131, NM_152313, NM_002491, NM_002032, NM_001694, NM_201413, NM_002556, NM_006788, NM_002984, NM_207007, NM_007317, NM_181335, NM_005072, NM_025150, NM_002356, NM_207127, NM_007100, NM_002029, NM_001636, NM_013416, NM_199040, NM_145283, NM_152888, NM_152868, NM_138813, NM_000978, NM_004519, NM_000288, NM_001288, NM_001001937, NM_003329, NM_002136, NM_005858, NM_004227, NM_015133, NM_005721, NM_005720, NM_001101, NM_001614, NM_001005377, NM_014453, NM_033323, NM_001014797, NM_033223, NM_001002031, NM_004781, NM_178867, NM_017657, NM_001693, NM_001662, NM_019849, NM_000786, NM_020529, NM_002486, NM_006305, NM_001685, NM_001853, NM_006009, NM_020548, NM_213601, NM_007347, NM_023035, NM_005745, NM_006088, NM_003777, NM_031431, NM_001002258, NM_183235, NM_005456, NM_006822, NM_006082, NM_198829, NM_001024226, NM_000700, NM_001175, NM_004255, NM_198398, NM_001686, NM_001863, NM_052859, NM_001031677, NM_005817, NM_001017998, NM_176812, NM_000146, NM_004366, NM_153292, NM_001005611, NM_018593, NM_181836, NM_006356, NM_000918, NM_014402, NM_006135, NM_002635, NM_004976, NM_003333, NM_005731, NM_152862, NM_021074, NM_016226, NM_001664, NM_000238, NM_005267, NM_002524,
GOTERM_BP_ALL	establishment of protein localization	28	NM_032452, NM_005932, NM_001024226, NM_014453, NM_007285, NM_022080, NM_017657, NM_001662, NM_020529, NM_001031677, NM_001017998, NM_176812, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_016226, NM_001664, NM_000288, NM_001494, NM_004069, NM_031431, NM_021168, NM_003624, NM_183235, NM_019059, NM_006822,
GOTERM_CC_ALL	eukaryotic 43S preinitiation complex	8	NM_001005, NM_001014, NM_001022, NM_003753, NM_003908, NM_002952, NM_001012321, NM_001009,
GOTERM_CC_ALL	eukaryotic 48S initiation complex	6	NM_001005, NM_001014, NM_001022, NM_002952, NM_001012321, NM_001009,
GOTERM_BP_ALL	generation of precursor metabolites and energy	49	NM_000365, NM_006476, NM_004255, NM_001686, NM_001863, NM_002491, NM_201413, NM_001694, NM_016311, NM_178190, NM_025150, NM_207127, NM_001098, NM_007100, NM_006755, NM_153292, NM_184041, NM_013416, NM_006356, NM_145283, NM_014402, NM_000918, NM_002710, NM_002635, NM_021074, NM_001001937, NM_025072, NM_003329, NM_016518, NM_004549, NM_004074, NM_000018, NM_006294, NM_001002031, NM_005609, NM_005566, NM_001865, NM_001693, NM_000786, NM_002046, NM_001685, NM_001001977, NM_138454, NM_001675, NM_004374, NM_000291, NM_004541, NM_000126, NM_000160, NM_001002258,

GOTERM_BP_ALL	glucose catabolism	6	NM_006755, NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_BP_ALL	glucose metabolism	7	NM_006755, NM_001675, NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_BP_ALL	glycolysis	5	NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_CC_ALL	Golgi apparatus	23	NM_022087, NM_005114, NM_032452, NM_006423, NM_001024226, NM_003003, NM_007285, NM_007347, NM_022080, NM_017657, NM_001662, NM_002959, NM_205840, NM_001031677, NM_032591, NM_005817, NM_002556, NM_003896, NM_002524, NM_022130, NM_031431, NM_004267, NM_012235,
GOTERM_BP_ALL	Golgi vesicle transport	6	NM_001024226, NM_003569, NM_198398, NM_022080, NM_005745, NM_001662,
GOTERM_MF_ALL	GTP binding	24	NM_021205, NM_198829, NM_006082, NM_001024226, NM_175571, NM_003245, NM_024996, NM_001402, NM_001662, NM_001664, NM_001031677, NM_006270, NM_020812, NM_002524, NM_021033, NM_138769, NM_001017998, NM_006088, NM_001665, NM_006009, NM_021168, NM_002872, NM_183235, NM_006822,
GOTERM_MF_ALL	GTPase activity	16	NM_198829, NM_006082, NM_001024226, NM_003245, NM_001402, NM_001662, NM_001664, NM_006270, NM_002524, NM_021033, NM_001017998, NM_001665, NM_006088, NM_006009, NM_002872, NM_183235,
GOTERM_MF_ALL	guanyl nucleotide binding	24	NM_021205, NM_198829, NM_006082, NM_001024226, NM_175571, NM_003245, NM_024996, NM_001402, NM_001662, NM_001664, NM_001031677, NM_006270, NM_020812, NM_002524, NM_021033, NM_138769, NM_001017998, NM_006088, NM_001665, NM_006009, NM_021168, NM_002872, NM_183235, NM_006822,
GOTERM_MF_ALL	heme-copper terminal oxidase activity	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	heparin binding	5	NM_003247, NM_201413, NM_000992, NM_000983, NM_000093,
GOTERM_BP_ALL	hexose catabolism	6	NM_006755, NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_BP_ALL	homeostasis	12	NM_002032, NM_004174, NM_032591, NM_201413, NM_002983, NM_000576, NM_025072, NM_023035, NM_005072, NM_000146, NM_000702, NM_021960,
GOTERM_MF_ALL	hydrogen ion transporter activity	25	NM_004549, NM_004074, NM_006476, NM_006294, NM_001002031, NM_004255, NM_001686, NM_001863, NM_001865, NM_001693, NM_002491, NM_001694, NM_001685, NM_001001977, NM_007100, NM_004374, NM_006356, NM_014402, NM_021074, NM_032591, NM_004174, NM_001001937, NM_002489, NM_004541, NM_001002258,
GOTERM_BP_ALL	hydrogen transport	13	NM_007100, NM_014861, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,

GOTERM_MF_ALL	hydrogen-transporting ATP synthase activity, rotational mechanism	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_MF_ALL	hydrogen-transporting ATPase activity, rotational mechanism	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_MF_ALL	hydrogen-transporting two-sector ATPase activity	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_MF_ALL	hydrolase activity, acting on acid anhydrides	39	NM_014861, NM_006082, NM_198829, NM_001024226, NM_006476, NM_024045, NM_001002031, NM_001686, NM_001005273, NM_003245, NM_001693, NM_001662, NM_001694, NM_006270, NM_001017998, NM_001665, NM_001685, NM_006009, NM_001001977, NM_002872, NM_000702, NM_007100, NM_006597, NM_199040, NM_006356, NM_000352, NM_138813, NM_001271, NM_001402, NM_001357, NM_001664, NM_001001937, NM_002524, NM_021033, NM_006088, NM_003777, NM_001002258, NM_001967, NM_183235,
GOTERM_MF_ALL	hydrolase activity, acting on acid anhydrides, catalyzing transmembrane movement of substances	15	NM_007100, NM_014861, NM_006476, NM_006356, NM_000352, NM_001002031, NM_138813, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,
GOTERM_MF_ALL	hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides	39	NM_014861, NM_006082, NM_198829, NM_001024226, NM_006476, NM_024045, NM_001002031, NM_001686, NM_001005273, NM_003245, NM_001693, NM_001662, NM_001694, NM_006270, NM_001017998, NM_001665, NM_001685, NM_006009, NM_001001977, NM_002872, NM_000702, NM_007100, NM_006597, NM_199040, NM_006356, NM_000352, NM_138813, NM_001271, NM_001402, NM_001357, NM_001664, NM_001001937, NM_002524, NM_021033, NM_006088, NM_003777, NM_001002258, NM_001967, NM_183235,
GOTERM_MF_ALL	identical protein binding	12	NM_004566, NM_005789, NM_006423, NM_033141, NM_032591, NM_130847, NM_183040, NM_006282, NM_005923, NM_000146, NM_000521, NM_024096,
GOTERM_BP_ALL	I-kappaB kinase/NF-kappaB cascade	11	NM_002468, NM_003824, NM_003900, NM_000985, NM_003810, NM_016479, NM_001664, NM_020529, NM_014550, NM_000801, NM_001001483,

GOTERM_BP_ALL	immune response	53	NM_003810, NM_006332, NM_001010850, NM_002432, NM_000700, NM_001175, NM_001511, NM_004048, NM_000636, NM_001024466, NM_205840, NM_000628, NM_002032, NM_001623, NM_004847, NM_002984, NM_207007, NM_181652, NM_004633, NM_004267, NM_005474, NM_173842, NM_002468, NM_002029, NM_004107, NM_153292, NM_001005611, NM_006263, NM_005267, NM_005516, NM_013230, NM_001002235, NM_002964, NM_003900, NM_002800, NM_005252, NM_000433, NM_152879, NM_002983, NM_005194, NM_003790, NM_003641, NM_003824, NM_002965, NM_194447, NM_005745, NM_003332, NM_000211, NM_005849, NM_001085, NM_002341, NM_000576, NM_020530, NM_018643, NM_001557, NM_000584,
GOTERM_BP_ALL	inflammatory response	22	NM_002468, NM_002029, NM_002965, NM_153292, NM_000700, NM_001511, NM_000211, NM_005252, NM_000628, NM_001085, NM_002983, NM_001623, NM_004847, NM_000576, NM_002984, NM_207007, NM_005194, NM_181652, NM_001557, NM_000584, NM_004267, NM_173842, NM_005474, NM_002964,
GOTERM_BP_ALL	inorganic anion transport	10	NM_001288, NM_001005611, NM_033323, NM_033223, NM_005072, NM_001853, NM_152888, NM_002635, NM_000093, NM_004366,
GOTERM_CC_ALL	intermediate filament	17	NM_005554, NM_000526, NM_000424, NM_002272, NM_199187, NM_003125, NM_000226, NM_021046, NM_000421, NM_005555, NM_057088, NM_173352, NM_006617, NM_002284, NM_173086, NM_002274, NM_153490, NM_004693, NM_002276,
GOTERM_CC_ALL	intermediate filament cytoskeleton	17	NM_005554, NM_000526, NM_000424, NM_002272, NM_199187, NM_003125, NM_000226, NM_021046, NM_000421, NM_005555, NM_057088, NM_173352, NM_006617, NM_002284, NM_173086, NM_002274, NM_153490, NM_004693, NM_002276,

GOTERM_CC_ALL	intracellular	486	NM_006532, NM_002799, NM_178526, NM_032246, NM_017426, NM_005168, NM_001005273, NM_000999, NM_012318, NM_002013, NM_203374, NM_020956, NM_003908, NM_007317, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_024700, NM_152888, NM_006263, NM_019084, NM_007104, NM_005858, NM_012482, NM_212472, NM_003290, NM_003125, NM_016604, NM_001101, NM_001614, NM_002146, NM_006304, NM_005968, NM_145046, NM_003245, NM_001015052, NM_018694, NM_006617, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_005341, NM_001037663, NM_021029, NM_000994, NM_003428, NM_005986, NM_030613, NM_001085, NM_004541, NM_021130, NM_052978, NM_000996, NM_001015, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_020183, NM_001024226, NM_003487, NM_000421, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006058, NM_002968, NM_003025, NM_003753, NM_000970, NM_001024662, NM_033267, NM_021103, NM_005484, NM_002298, NM_153292, NM_006135, NM_003169, NM_002635, NM_001357, NM_021074, NM_173352, NM_006497, NM_001664, NM_022130, NM_000532, NM_012334, NM_003761, NM_000980, NM_003003, NM_005620, NM_005566, NM_002800, NM_001865, NM_005801, XM_058967, NM_001024,
GOTERM_CC_ALL	intracellular membrane-bound organelle	281	NM_005507, NM_006532, NM_178526, NM_005634, NM_000470, NM_017426, NM_003108, NM_000044, NM_018429, NM_001005273, NM_004926, NM_012318, NM_032409, NM_000636, NM_001024466, NM_002013, NM_006606, NM_001694, NM_203374, NM_020956, NM_016311, NM_178190, NM_018320, NM_007317, NM_014780, NM_152414, NM_021167, NM_005474, NM_006597, NM_001636, NM_013233, NM_024700, NM_014884, NM_001288, NM_003295, NM_019084, NM_005858, NM_012482, NM_001039465, NM_016604, NM_001101, NM_001614, NM_002146, NM_005968, NM_145046, NM_032836, NM_178867, NM_001015052, NM_017657, NM_018694, NM_002585, NM_003113, NM_005121, NM_005500, NM_003656, NM_006305, NM_183040, NM_018973, NM_013293, NM_005341, NM_005413, NM_003428, NM_013234, NM_005986, NM_030613, NM_004593, NM_004541, NM_005437, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_013286, NM_001010850, NM_017900, NM_020183, NM_001024226, NM_003487, NM_207395, NM_001012321, NM_001686, NM_015335, NM_025264, NM_205840, NM_032188, NM_001031677, NM_002968, NM_006058, NM_033267, NM_024016, NM_005484, NM_001098, NM_198440, NM_003169, NM_002635, NM_001357, NM_021074, NM_006497, NM_001011, NM_005381, NM_022130, NM_000532, NM_003168, NM_031212, NM_005324, NM_003761, NM_001025204, NM_006423, NM_001641, NM_023067, NM_015256,

GOTERM_CC_ALL	intracellular non-membrane-bound organelle	165	NM_005567, XM_371853, NM_005654, NM_001025, NM_022822, NM_175176, XM_927103, NM_005487, NM_001005273, NM_000999, NM_001028, NM_001025071, NM_005617, NM_153649, NM_000972, NM_003908, NM_005988, NM_007317, NM_201998, NM_170738, NM_014548, NM_002356, NM_199187, NM_000985, XM_372048, NM_001006, NM_000424, NM_002272, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_003388, NM_000975, NM_002284, NM_000989, NM_004693, NM_021019, NM_079423, NM_007104, NM_001068, NM_000981, NM_001013699, NM_005721, NM_001012, NM_002954, NM_000526, NM_003290, NM_003125, NM_000226, NM_005720, NM_001101, NM_001614, NM_002948, NM_000983, NM_057088, NM_003245, NM_006617, NM_003113, NM_002274, NM_153490, NM_000998, NM_020238, NM_000969, NM_002276, XM_015717, NM_014445, NM_006009, XM_293412, NM_000988, NM_033546, NM_001002, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_001017418, NM_006945, NM_002952, NM_001037494, NM_021029, NM_001009, XM_370611, NM_000994, NM_001005, NM_173086, NM_006088, NM_000996, NM_003777, NM_001015, NM_001025, NM_000976, NM_022117, NM_001014, NM_021109, NM_006082, NM_001000, NM_005555, NM_021046, NM_000421, NM_001004, NM_001175, NM_001012321, NM_001007, NM_015414, NM_032188, NM_006646, XM_293312, NM_001033853, NM_000970,
GOTERM_CC_ALL	intracellular organelle	408	NM_000532, NM_178520, NM_017420, NM_005168, NM_001005273, NM_000999, NM_012318, NM_002013, NM_203374, NM_020956, NM_003908, NM_007317, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_024700, NM_019084, NM_007104, NM_005858, NM_012482, NM_003290, NM_003125, NM_016604, NM_001101, NM_001614, NM_002146, NM_005968, NM_145046, NM_003245, NM_001015052, NM_018694, NM_006617, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_005341, NM_021029, NM_000994, NM_003428, NM_005986, NM_030613, NM_004541, NM_000996, NM_001015, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_020183, NM_001024226, NM_003487, NM_000421, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006058, NM_002968, NM_000970, NM_001024662, NM_033267, NM_021103, NM_005484, NM_006135, NM_003169, NM_002635, NM_001357, NM_021074, NM_173352, NM_006497, NM_001664, NM_022130, NM_000532, NM_012334, NM_003761, NM_000980, NM_003003, NM_005620, NM_001865, NM_001024, NM_020357, NM_012238, NM_005194, NM_145897, NM_012235, NM_012423, NM_002705, NM_004729, NM_019001, NM_001426, NM_004924, NM_138632, NM_006357, NM_015859, NM_020649, XM_371853, NM_031844, NM_022822,

GOTERM_BP_ALL	intracellular signaling cascade	64	NM_003810, NM_005507, NM_021205, NM_033141, NM_198829, NM_212492, NM_001024226, NM_032246, NM_001175, NM_001511, NM_032409, NM_001031677, NM_006270, NM_014550, NM_001665, NM_006282, NM_006098, NM_002872, NM_201533, NM_002468, NM_002029, NM_000985, NM_013416, NM_199040, NM_001664, NM_006254, NM_002524, NM_021168, NM_003624, NM_015133, NM_212472, NM_003900, NM_005335, NM_005206, NM_181870, NM_001662, NM_152879, NM_020529, NM_005121, NM_006305, NM_005923, NM_001001483, NM_001114, NM_012235, NM_015675, NM_003824, NM_016479, NM_004333, NM_007184, NM_003332, NM_002314, NM_138769, NM_002664, NM_021033, NM_018643, NM_000801, NM_017771, NM_005437, NM_000160, NM_001557, NM_000584, NM_183235, NM_006822, NM_005456,
GOTERM_BP_ALL	intracellular transport	32	NM_003900, NM_032452, NM_005932, NM_006082, NM_001024226, NM_022822, NM_007285, NM_198398, NM_005487, NM_022080, NM_005131, NM_001662, NM_020529, NM_002486, NM_006305, NM_001017998, NM_007317, NM_006009, NM_001636, NM_199040, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_001664, NM_006088, NM_003777, NM_004069, NM_002136, NM_031431, NM_003624,
GOTERM_MF_ALL	ion binding	151	NM_032246, NM_006470, NM_000044, NM_005347, NM_005487, NM_001665273, NM_004926, NM_194460, NM_012318, NM_032409, NM_000636, NM_001024466, NM_002032, NM_145699, NM_001694, NM_201413, NM_203374, NM_001623, NM_004847, NM_003908, NM_018320, NM_019554, NM_201998, NM_005072, NM_001312, NM_130901, NM_025150, NM_201533, NM_007100, NM_020860, NM_002969, NM_022486, NM_001064, NM_199040, NM_152831, NM_152868, NM_138813, NM_144641, NM_004519, NM_006397, NM_006254, NM_006635, NM_003295, NM_001001937, NM_021019, NM_079423, NM_005858, NM_012482, NM_002964, NM_017722, NM_001014797, NM_145046, NM_003245, NM_032836, NM_178867, NM_001693, NM_000200, NM_003113, NM_000786, NM_000998, NM_002598, NM_005923, NM_001001483, NM_033546, NM_001114, NM_022087, NM_005341, NM_023035, NM_002581, NM_003428, NM_030613, NM_138769, NM_052978, NM_170770, NM_006457, NM_002691, NM_003810, NM_001010850, NM_000700, NM_003487, NM_004255, NM_207395, NM_005184, NM_002966, NM_001686, NM_005576, NM_016190, NM_032188, NM_003247, NM_002968, NM_032876, NM_207171, NM_015906, NM_001964, NM_006282, NM_000146, NM_001098, NM_002298, NM_153292, NM_002710, NM_014615, NM_001795, NM_004976, NM_003453, NM_016219, NM_024329, NM_021074, NM_006497, NM_001664, NM_003407, NM_000238, NM_022118, NM_015457, NM_003168,

GOTERM_BP_ALL	ion homeostasis	9	NM_002032, NM_004174, NM_032591, NM_201413, NM_002983, NM_023035, NM_005072, NM_000146, NM_000702,
GOTERM_BP_ALL	ion transport	41	NM_014861, NM_033323, NM_006476, NM_001002031, NM_001014797, NM_033223, NM_001686, NM_178867, NM_001693, NM_002032, NM_001694, NM_005072, NM_001685, NM_001853, NM_000146, NM_001001977, NM_000702, NM_004366, NM_007100, NM_001005611, NM_023035, NM_006356, NM_000352, NM_152888, NM_152868, NM_002635, NM_138813, NM_004976, NM_004519, NM_001426, NM_004174, NM_001288, NM_032591, NM_000238, NM_016321, NM_005714, NM_001001937, NM_015353, NM_032513, NM_001002258, NM_000093,
GOTERM_MF_ALL	ion transporter activity	47	NM_004074, NM_014861, NM_004549, NM_006294, NM_033323, NM_006476, NM_001002031, NM_001014797, NM_033223, NM_004255, NM_001686, NM_178867, NM_001863, NM_001693, NM_001865, NM_002491, NM_001694, NM_005072, NM_001685, NM_001001977, NM_000702, NM_004366, NM_007100, NM_004374, NM_023035, NM_006356, NM_000352, NM_152868, NM_014402, NM_002635, NM_138813, NM_004976, NM_004519, NM_001426, NM_021074, NM_004174, NM_001288, NM_032591, NM_000238, NM_016321, NM_002489, NM_005714, NM_001001937, NM_004541, NM_015353, NM_032513, NM_001002258,
GOTERM_MF_ALL	isomerase activity	8	NM_000365, NM_005729, NM_021130, NM_025072, NM_000801, NM_000918, NM_001068, NM_002013,
GOTERM_BP_ALL	JNK cascade	5	NM_033141, NM_212492, NM_005923, NM_015133, NM_005456,
GOTERM_BP_ALL	keratinization	7	NM_003125, NM_002705, NM_005987, NM_005988, NM_001017418, NM_006945, NM_003245, NM_005416,
GOTERM_MF_ALL	kinase binding	10	NM_003824, NM_003900, NM_002032, NM_006457, NM_005858, NM_006098, NM_032836, NM_015133, NM_000211, NM_005456,
GOTERM_CC_ALL	large ribosomal subunit	20	NM_000985, NM_000971, NM_033625, NM_000980, NM_012423, NM_003973, NM_000990, NM_001004, NM_000992, NM_000983, NM_015414, NM_001033853, NM_000970, NM_001024662, NM_000969, NM_000996, NM_006013, NM_000968, NM_000981, NM_000976, NM_001002,
GOTERM_MF_ALL	lipid binding	18	NM_020548, NM_000700, NM_174897, NM_013416, NM_001002031, NM_004333, NM_006320, NM_007184, NM_181864, NM_152879, NM_006254, NM_020244, NM_001002857, NM_002567, NM_017771, NM_004227, NM_001002258, NM_201533,

GOTERM_BP_ALL	localization	159	NM_052452, NM_178526, NM_022822, NM_000476, NM_000644, NM_005487, NM_005131, NM_152313, NM_002491, NM_002032, NM_001694, NM_201413, NM_002556, NM_006788, NM_002984, NM_207007, NM_007317, NM_181335, NM_005072, NM_025150, NM_002356, NM_207127, NM_007100, NM_002029, NM_001636, NM_013416, NM_199040, NM_145283, NM_152888, NM_152868, NM_138813, NM_000978, NM_004519, NM_000288, NM_001288, NM_001001937, NM_003329, NM_002136, NM_005858, NM_004227, NM_015133, NM_005721, NM_005720, NM_001101, NM_001614, NM_001005377, NM_014453, NM_033323, NM_001014797, NM_033223, NM_001002031, NM_004781, NM_178867, NM_017657, NM_001693, NM_001662, NM_019849, NM_000786, NM_020529, NM_002486, NM_006305, NM_001685, NM_001853, NM_006009, NM_020548, NM_213601, NM_007347, NM_023035, NM_005745, NM_006088, NM_003777, NM_031431, NM_001002258, NM_183235, NM_005456, NM_006822, NM_006082, NM_198829, NM_001024226, NM_000700, NM_001175, NM_004255, NM_198398, NM_001686, NM_001863, NM_052859, NM_001031677, NM_005817, NM_001017998, NM_176812, NM_000146, NM_004366, NM_153292, NM_001005611, NM_018593, NM_181836, NM_006356, NM_000918, NM_014402, NM_006135, NM_002635, NM_004976, NM_003333, NM_005731, NM_152862, NM_021074, NM_016226, NM_001664, NM_000238, NM_005267, NM_002524,
GOTERM_BP_ALL	localization of cell	27	NM_005720, NM_000700, NM_005206, NM_001101, NM_001614, NM_001005377, NM_001175, NM_006181, NM_002983, NM_002984, NM_207007, NM_181335, NM_000702, NM_002356, NM_002029, NM_006135, NM_003370, NM_003333, NM_000211, NM_005731, NM_152862, NM_002314, NM_004924, NM_002524, NM_003777, NM_003329, NM_001557, NM_000584, NM_005560, NM_005721,
GOTERM_BP_ALL	locomotion	27	NM_005720, NM_000700, NM_005206, NM_001101, NM_001614, NM_001005377, NM_001175, NM_006181, NM_002983, NM_002984, NM_207007, NM_181335, NM_000702, NM_002356, NM_002029, NM_006135, NM_003370, NM_003333, NM_000211, NM_005731, NM_152862, NM_002314, NM_004924, NM_002524, NM_003777, NM_003329, NM_001557, NM_000584, NM_005560, NM_005721,
GOTERM_BP_ALL	locomotory behavior	11	NM_002029, NM_006489, NM_002983, NM_002524, NM_006788, NM_001005377, NM_002984, NM_207007, NM_001511, NM_001557, NM_000584, NM_000211,

GOTERM_BP_ALL	macromolecule biosynthesis	105	XM_371853, NM_000365, NM_001023, XM_927103, NM_000999, NM_001404, NM_001028, NM_001025071, NM_005617, NM_003908, NM_000972, NM_170738, NM_017629, NM_025150, NM_001006, XM_372048, NM_000985, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_000975, NM_000989, NM_007104, NM_000981, NM_001012, NM_002954, NM_002948, NM_000983, NM_000998, NM_138706, NM_000969, XM_015717, NM_014445, NM_018973, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_002952, NM_001037663, NM_021029, NM_001009, NM_000994, XM_370611, NM_001402, NM_013234, NM_001005, NM_003896, NM_000996, NM_001015, NM_001025, NM_000976, NM_001014, NM_001000, NM_001004, NM_001012321, NM_001007, NM_024996, NM_015414, NM_006058, NM_002568, NM_004807, NM_003753, NM_000970, NM_001024662, NM_001033853, XM_371023, NM_000973, NM_014180, XM_208185, NM_184041, NM_033251, NM_022551, NM_003333, NM_016219, NM_001011, NM_001031, NM_001001, XM_496442, NM_000986, NM_000980, NM_000992, NM_000661, XM_495839, NM_005801, NM_001035267, NM_001024, XM_058967, NM_152269, NM_001030009, NM_000968, NM_012235, NM_001675, NM_012423, NM_003973, NM_000990, NM_001020, NM_000291, NM_006013, NM_030919, NM_001967,
GOTERM_BP_ALL	macromolecule metabolism	259	NM_002799, NM_005576, NM_001025, NM_032246, NM_001005273, NM_000999, NM_194460, NM_021009, NM_032409, NM_002013, NM_001028, NM_003908, NM_018320, NM_014780, NM_017629, NM_005474, XM_372048, NM_001032, NM_002969, NM_006597, XM_371019, NM_013233, NM_152831, NM_006397, NM_014884, NM_000975, NM_006254, NM_007104, NM_015133, NM_212472, NM_001039465, NM_017722, NM_001005377, NM_018282, NM_006304, NM_000983, NM_005609, NM_145046, NM_003245, NM_001015052, NM_018694, NM_000998, NM_005500, NM_003656, NM_018973, NM_013293, NM_005923, XM_293412, NM_000988, NM_033625, NM_001022, NM_018998, NM_005044, NM_001037663, NM_021029, NM_000994, NM_001402, NM_013234, NM_005986, NM_004593, NM_003828, NM_021130, NM_006088, NM_170770, NM_000996, NM_001015, NM_002691, NM_000976, NM_017900, NM_033141, NM_006082, NM_198829, NM_001004, NM_001012321, NM_015414, NM_025264, NM_032188, NM_006646, NM_006058, NM_003753, NM_000970, NM_001024662, NM_001017998, NM_014180, NM_005484, NM_001098, NM_002816, XM_208185, NM_184041, NM_033251, NM_022551, NM_014615, NM_006135, NM_003169, NM_194252, NM_001011, NM_001001, NM_005324, NM_003761, XM_496442, NM_000986, NM_001025204, NM_000980, NM_006384, NM_001641, NM_005620, NM_014370, XM_495839, NM_005566, NM_002800, NM_005801, NM_152269,

GOTERM_MF_ALL	magnesium ion binding	18	NM_014861, NM_005932, NM_002969, NM_004435, NM_001641, NM_015256, NM_199040, NM_001014797, NM_138813, NM_003245, NM_144641, NM_032409, NM_001664, NM_002512, NM_006282, NM_005923, NM_000702, NM_001114,
GOTERM_MF_ALL	manganese ion binding	6	NM_022087, NM_005932, NM_199040, NM_002710, NM_144641, NM_000636, NM_001024466,
GOTERM_BP_ALL	MAPKKK cascade	8	NM_015675, NM_002029, NM_033141, NM_212492, NM_032246, NM_005923, NM_015133, NM_005456,
GOTERM_CC_ALL	membrane fraction	34	NM_004549, NM_015256, NM_181642, NM_005968, NM_001002031, NM_004781, NM_001304, NM_206887, NM_005729, NM_003458, NM_005072, NM_001685, NM_004366, NM_001005611, NM_152831, NM_152868, NM_001795, NM_004976, NM_021999, NM_014723, NM_004519, NM_016219, NM_021074, NM_001288, NM_000238, NM_020244, NM_005714, NM_014300, NM_001001937, NM_004541, NM_006457, NM_004227, NM_003761, NM_001002258,
GOTERM_CC_ALL	membrane-bound organelle	281	NM_005507, NM_000332, NM_178526, NM_005634, NM_000470, NM_017420, NM_003108, NM_000044, NM_018429, NM_001005273, NM_004926, NM_012318, NM_032409, NM_000636, NM_001024466, NM_002013, NM_006606, NM_001694, NM_203374, NM_020956, NM_016311, NM_178190, NM_018320, NM_007317, NM_014780, NM_152414, NM_021167, NM_005474, NM_006597, NM_001636, NM_013233, NM_024700, NM_014884, NM_001288, NM_003295, NM_019084, NM_005858, NM_012482, NM_001039465, NM_016604, NM_001101, NM_001614, NM_002146, NM_005968, NM_145046, NM_032836, NM_178867, NM_001015052, NM_017657, NM_018694, NM_002585, NM_003113, NM_005121, NM_005500, NM_003656, NM_006305, NM_183040, NM_018973, NM_013293, NM_005341, NM_005413, NM_003428, NM_013234, NM_005986, NM_030613, NM_004593, NM_004541, NM_005437, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_013286, NM_001010850, NM_017900, NM_020183, NM_001024226, NM_003487, NM_207395, NM_001012321, NM_001686, NM_015335, NM_025264, NM_205840, NM_032188, NM_001031677, NM_002968, NM_006058, NM_033267, NM_024016, NM_005484, NM_001098, NM_198440, NM_003169, NM_002635, NM_001357, NM_021074, NM_006497, NM_001011, NM_005381, NM_022130, NM_000532, NM_003168, NM_031212, NM_005324, NM_003761, NM_001025204, NM_006423, NM_001641, NM_023067, NM_015256,
GOTERM_CC_ALL	membrane-enclosed lumen	29	NM_005333, NM_001452, NM_003487, NM_001101, NM_001614, NM_001436, NM_005347, NM_001015052, NM_016310, NM_003113, NM_012238, NM_001033853, NM_005121, NM_002486, NM_018171, NM_005474, NM_005114, NM_001261, NM_003169, NM_016389, NM_003091, NM_001011, NM_000126, NM_015859, NM_000532, NM_005381, NM_002136, NM_022117, NM_012482, NM_001025204,

GOTERM_BP_ALL	metabolism	390	NM_002799, NM_001007553, NM_032240, NM_017426, NM_005168, NM_001005273, NM_000999, NM_002013, NM_003908, NM_152414, NM_005474, XM_372048, NM_001032, NM_013233, NM_152831, NM_006397, NM_007104, NM_032251, NM_012482, NM_212472, NM_017722, NM_002146, NM_018282, NM_006304, NM_145046, NM_003245, NM_001015052, NM_018694, NM_000998, NM_005500, NM_003656, NM_013293, XM_293412, NM_000988, NM_005341, NM_018998, NM_001037663, NM_021029, NM_000994, NM_003428, NM_005986, NM_003828, NM_001085, NM_021130, NM_004541, NM_000996, NM_001015, NM_002691, NM_001002258, NM_018942, NM_017900, NM_198829, NM_020183, NM_001004, NM_001686, NM_015335, NM_025264, NM_015414, NM_032188, NM_006058, NM_002968, NM_003753, NM_000970, NM_001024662, NM_033267, NM_005484, NM_153292, NM_006135, NM_003169, NM_002635, NM_021074, NM_006497, NM_194252, NM_000532, NM_003761, NM_000980, NM_005620, NM_005566, NM_002800, NM_001865, NM_005801, NM_001024, XM_058967, NM_000312, NM_000433, NM_002046, NM_012238, NM_005194, NM_145897, NM_012235, NM_138454, NM_012423, NM_004333, NM_001426, NM_002314, NM_138632, NM_006357, NM_015859, NM_144683, NM_017771, NM_000160, NM_020649, NM_014496, XM_371853, NM_031844, NM_173176, NM_001025071, NM_005617, NM_002953, NM_002556, NM_016406, NM_181652, NM_004267,
GOTERM_MF_ALL	metal ion binding	151	NM_032240, NM_000470, NM_000044, NM_005347, NM_005487, NM_001005273, NM_004926, NM_194460, NM_012318, NM_032409, NM_000636, NM_001024466, NM_002032, NM_145699, NM_001694, NM_201413, NM_203374, NM_001623, NM_004847, NM_003908, NM_018320, NM_019554, NM_201998, NM_005072, NM_001312, NM_130901, NM_025150, NM_201533, NM_007100, NM_020860, NM_002969, NM_022486, NM_001064, NM_199040, NM_152831, NM_152868, NM_138813, NM_144641, NM_004519, NM_006397, NM_006254, NM_006635, NM_003295, NM_001001937, NM_021019, NM_079423, NM_005858, NM_012482, NM_002964, NM_017722, NM_001014797, NM_145046, NM_003245, NM_032836, NM_178867, NM_001693, NM_000200, NM_003113, NM_000786, NM_000998, NM_002598, NM_005923, NM_001001483, NM_033546, NM_001114, NM_022087, NM_005341, NM_023035, NM_002581, NM_003428, NM_030613, NM_138769, NM_052978, NM_170770, NM_006457, NM_002691, NM_003810, NM_001010850, NM_000700, NM_003487, NM_004255, NM_207395, NM_005184, NM_002966, NM_001686, NM_005576, NM_016190, NM_032188, NM_003247, NM_002968, NM_032876, NM_207171, NM_015906, NM_001964, NM_006282, NM_000146, NM_001098, NM_002298, NM_153292, NM_002710, NM_014615, NM_001795, NM_004976, NM_003453, NM_016219, NM_024329, NM_021074, NM_006497, NM_001664, NM_003407, NM_000238, NM_022118, NM_015457, NM_003168,

GOTERM_BP_ALL	metal ion transport	20	NM_014861, NM_023035, NM_000352, NM_001014797, NM_152868, NM_178867, NM_004976, NM_004519, NM_001426, NM_002032, NM_004174, NM_001288, NM_032591, NM_000238, NM_005714, NM_015353, NM_032513, NM_005072, NM_000146, NM_000702,
GOTERM_MF_ALL	metal ion transporter activity	8	NM_002491, NM_021074, NM_004549, NM_014861, NM_032591, NM_002489, NM_004541, NM_000352,
GOTERM_CC_ALL	microbody	5	NM_016518, NM_000288, NM_015256, NM_181652, NM_207127,
GOTERM_CC_ALL	microtubule	11	NM_006082, NM_022822, NM_020238, NM_006088, NM_007317, NM_004607, NM_003777, NM_006009, NM_001037494, NM_004434, NM_003388,
GOTERM_CC_ALL	mitochondrial electron transport chain	7	NM_004074, NM_004549, NM_006294, NM_004255, NM_014402, NM_001863, NM_001865,
GOTERM_CC_ALL	mitochondrial envelope	20	NM_004074, NM_004549, NM_178526, NM_015256, NM_001636, NM_006294, NM_001002031, NM_004255, NM_014402, NM_002635, NM_001686, NM_001863, NM_021960, NM_001865, NM_021074, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_001002258,
GOTERM_CC_ALL	mitochondrial inner membrane	18	NM_004549, NM_004074, NM_178526, NM_001636, NM_006294, NM_001002031, NM_014402, NM_004255, NM_002635, NM_001686, NM_001863, NM_001865, NM_021074, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_001002258,
GOTERM_CC_ALL	mitochondrial membrane	20	NM_004074, NM_004549, NM_178526, NM_015256, NM_001636, NM_006294, NM_001002031, NM_004255, NM_014402, NM_002635, NM_001686, NM_001863, NM_021960, NM_001865, NM_021074, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_001002258,
GOTERM_CC_ALL	mitochondrion	49	NM_178526, NM_006476, NM_004255, NM_001686, NM_001863, NM_024996, NM_012318, NM_000636, NM_001024466, NM_032409, NM_002491, NM_016311, NM_178190, NM_170738, NM_181652, NM_001098, NM_007100, NM_001636, NM_006356, NM_014402, NM_002635, NM_021074, NM_181864, NM_001001937, NM_002489, NM_000532, NM_031212, NM_004549, NM_004074, NM_005932, NM_000018, NM_015256, NM_006294, NM_001002031, NM_178867, NM_021960, NM_001865, NM_005729, NM_198080, NM_001685, NM_001001977, NM_005589, NM_022120, NM_004435, NM_004374, NM_005345, NM_004541, NM_000126, NM_006013, NM_001002258, NM_019059,

GOTERM_MF_ALL	molecular function unknown	39	NM_006076, NM_018210, NM_001010850, NM_014453, NM_006181, NM_207422, NM_181870, NM_025187, NM_201535, NM_025264, NM_205840, NM_001024, NM_006617, NM_145699, NM_001007524, NM_004894, NM_153649, NM_020956, NM_001623, NM_004847, NM_176812, NM_002723, NM_014329, NM_015710, NM_001997, NM_006930, NM_003897, NM_015714, NM_006472, NM_001017418, NM_006945, NM_016399, NM_032012, NM_006010, NM_021029, NM_016226, NM_003295, NM_025241, NM_170770, NM_004069, NM_018434,
GOTERM_BP_ALL	monosaccharide catabolism	6	NM_006755, NM_000365, NM_000291, NM_002046, NM_184041, NM_005566,
GOTERM_BP_ALL	monovalent inorganic cation transport	25	NM_014861, NM_006476, NM_001014797, NM_001002031, NM_001686, NM_001693, NM_001694, NM_005072, NM_001685, NM_001001977, NM_000702, NM_007100, NM_000352, NM_006356, NM_152868, NM_004976, NM_004519, NM_001426, NM_032591, NM_004174, NM_000238, NM_001001937, NM_005714, NM_015353, NM_001002258,
GOTERM_MF_ALL	monovalent inorganic cation transporter activity	27	NM_004549, NM_004074, NM_006476, NM_006294, NM_001002031, NM_004255, NM_001686, NM_001863, NM_001865, NM_001693, NM_002491, NM_001694, NM_001685, NM_001001977, NM_000702, NM_007100, NM_004374, NM_000352, NM_006356, NM_014402, NM_021074, NM_004174, NM_032591, NM_001001937, NM_002489, NM_004541, NM_001002258,
GOTERM_BP_ALL	morphogenesis	34	NM_198829, NM_001007553, NM_017420, NM_006304, NM_031917, NM_006181, NM_000044, NM_181870, NM_003245, NM_205840, NM_152879, NM_002968, NM_006291, NM_002984, NM_207007, NM_014780, NM_003987, NM_000424, NM_002272, NM_199187, NM_003897, NM_004333, NM_000211, NM_003333, NM_001426, NM_003260, NM_020244, NM_002524, NM_020530, NM_006357, NM_005437, NM_006457, NM_000584, NM_022117, NM_005245, NM_005560,
GOTERM_BP_ALL	mRNA metabolism	18	NM_001039465, NM_030979, NM_018282, NM_005131, NM_014884, NM_004593, NM_002568, NM_003407, NM_005345, NM_003091, NM_002486, NM_004643, NM_201998, NM_013293, NM_002136, NM_031266, NM_001007229, NM_001025204,
GOTERM_BP_ALL	mRNA processing	14	NM_001039465, NM_018282, NM_005131, NM_014884, NM_004593, NM_002568, NM_003091, NM_002486, NM_004643, NM_201998, NM_013293, NM_002136, NM_001007229, NM_001025204,
GOTERM_BP_ALL	muscle contraction	8	NM_000238, NM_153649, NM_184041, NM_004643, NM_021019, NM_079423, NM_001014797, NM_000256, NM_033546,
GOTERM_BP_ALL	muscle development	6	NM_003564, NM_002969, NM_012238, NM_021019, NM_079423, NM_003333, NM_005474,

GOTERM_MF_ALL	NADH dehydrogenase (quinone) activity	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_MF_ALL	NADH dehydrogenase (ubiquinone) activity	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_MF_ALL	NADH dehydrogenase activity	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_BP_ALL	negative regulation of apoptosis	11	NM_007308, NM_005507, NM_000312, NM_004323, NM_005345, NM_000700, NM_003295, NM_003897, NM_004333, NM_005347, NM_021960,
GOTERM_BP_ALL	negative regulation of biological process	52	NM_005507, NM_017900, NM_198829, NM_212492, NM_000700, NM_001175, NM_001511, NM_005347, NM_205840, NM_002032, NM_006058, NM_001623, NM_004847, NM_016311, NM_178190, NM_015906, NM_003927, NM_005474, NM_000424, NM_002272, NM_002969, NM_004323, NM_003897, NM_014517, NM_006135, NM_003169, NM_006497, NM_003295, NM_006763, NM_012482, NM_007308, NM_015094, NM_005620, NM_014781, NM_021960, NM_000312, NM_020529, NM_012238, NM_153232, NM_001800, NM_002512, NM_012235, NM_003641, NM_001009181, NM_012090, NM_005938, NM_004333, NM_019001, NM_005345, NM_138632, NM_000576, NM_020530, NM_000584, NM_002923, NM_022117,
GOTERM_BP_ALL	negative regulation of cell proliferation	14	NM_003641, NM_000424, NM_002272, NM_005620, NM_005938, NM_001511, NM_205840, NM_002032, NM_001623, NM_004847, NM_000576, NM_001800, NM_020530, NM_002512, NM_000584, NM_006763,
GOTERM_BP_ALL	negative regulation of cellular metabolism	13	NM_014517, NM_015094, NM_005620, NM_003169, NM_012238, NM_153232, NM_016311, NM_178190, NM_015906, NM_003927, NM_022117, NM_012482, NM_012235, NM_005474,
GOTERM_BP_ALL	negative regulation of cellular physiological process	47	NM_007308, NM_005507, NM_017900, NM_198829, NM_000700, NM_015094, NM_005620, NM_014781, NM_001511, NM_005347, NM_021960, NM_205840, NM_000312, NM_002032, NM_020529, NM_012238, NM_016311, NM_178190, NM_001623, NM_004847, NM_153232, NM_001800, NM_015906, NM_002512, NM_003927, NM_005474, NM_012235, NM_000424, NM_002272, NM_003641, NM_004323, NM_002969, NM_003897, NM_014517, NM_012090, NM_005938, NM_004333, NM_003169, NM_006135, NM_019001, NM_006497, NM_005345, NM_138632, NM_003295, NM_000576, NM_020530, NM_000584, NM_022117, NM_006763, NM_012482,

GOTERM_BP_ALL	negative regulation of cellular process	49	NM_005507, NM_017900, NM_198829, NM_000700, NM_001175, NM_001511, NM_005347, NM_205840, NM_002032, NM_001623, NM_004847, NM_016311, NM_178190, NM_015906, NM_003927, NM_005474, NM_000424, NM_002272, NM_002969, NM_004323, NM_003897, NM_014517, NM_006135, NM_003169, NM_006497, NM_003295, NM_006763, NM_012482, NM_007308, NM_015094, NM_005620, NM_014781, NM_021960, NM_000312, NM_020529, NM_012238, NM_153232, NM_001800, NM_002512, NM_012235, NM_003641, NM_012090, NM_005938, NM_004333, NM_019001, NM_005345, NM_000576, NM_138632, NM_020530, NM_000584, NM_002923, NM_022117,
GOTERM_BP_ALL	negative regulation of metabolism	15	NM_014517, NM_015094, NM_005620, NM_006135, NM_003169, NM_012238, NM_016311, NM_178190, NM_138632, NM_153232, NM_015906, NM_003927, NM_022117, NM_012482, NM_012235, NM_005474,
GOTERM_BP_ALL	negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolism	12	NM_012238, NM_016311, NM_178190, NM_153232, NM_015906, NM_015094, NM_014517, NM_005620, NM_003169, NM_003927, NM_022117, NM_012482, NM_005474,
GOTERM_BP_ALL	negative regulation of physiological process	48	NM_007308, NM_005507, NM_017900, NM_198829, NM_000700, NM_015094, NM_005620, NM_014781, NM_001511, NM_005347, NM_021960, NM_205840, NM_000312, NM_002032, NM_020529, NM_012238, NM_016311, NM_178190, NM_001623, NM_004847, NM_153232, NM_001800, NM_015906, NM_002512, NM_003927, NM_005474, NM_012235, NM_000424, NM_002272, NM_003641, NM_004323, NM_002969, NM_001009181, NM_003897, NM_014517, NM_012090, NM_005938, NM_004333, NM_003169, NM_006135, NM_019001, NM_006497, NM_005345, NM_138632, NM_003295, NM_000576, NM_020530, NM_000584, NM_022117, NM_006763, NM_012482,
GOTERM_BP_ALL	negative regulation of programmed cell death	11	NM_007308, NM_005507, NM_000312, NM_004323, NM_005345, NM_000700, NM_003295, NM_003897, NM_004333, NM_005347, NM_021960,
GOTERM_BP_ALL	negative regulation of progression through cell cycle	12	NM_006497, NM_017900, NM_002969, NM_001623, NM_004847, NM_001800, NM_002512, NM_012090, NM_005938, NM_014781, NM_000584, NM_019001, NM_022117,
GOTERM_BP_ALL	negative regulation of transcription	9	NM_012238, NM_153232, NM_015906, NM_015094, NM_014517, NM_003169, NM_003927, NM_012482, NM_005474,

GOTERM_BP_ALL	nervous system development	26	NM_007308, NM_032108, NM_005634, NM_014279, NM_003108, NM_006181, NM_001511, NM_206887, NM_205840, NM_057091, NM_002585, NM_006617, NM_020956, NM_003025, NM_003656, NM_014548, NM_003987, NM_004114, NM_005413, NM_023035, NM_000263, NM_003333, NM_021999, NM_021074, NM_002314, NM_014496,
GOTERM_BP_ALL	neurogenesis	6	NM_057091, NM_020956, NM_006181, NM_003987, NM_003333, NM_205840,
GOTERM_BP_ALL	neuron development	5	NM_020956, NM_006181, NM_003987, NM_003333, NM_205840,
GOTERM_CC_ALL	non-membrane-bound organelle	165	NM_005507, XM_371853, NM_005634, NM_001023, NM_022822, NM_173176, XM_927103, NM_005487, NM_001005273, NM_000999, NM_001028, NM_001025071, NM_005617, NM_153649, NM_000972, NM_003908, NM_005988, NM_007317, NM_201998, NM_170738, NM_014548, NM_002356, NM_199187, NM_000985, XM_372048, NM_001006, NM_000424, NM_002272, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_003388, NM_000975, NM_002284, NM_000989, NM_004693, NM_021019, NM_079423, NM_007104, NM_001068, NM_000981, NM_001013699, NM_005721, NM_001012, NM_002954, NM_000526, NM_003290, NM_003125, NM_000226, NM_005720, NM_001101, NM_001614, NM_002948, NM_000983, NM_057088, NM_003245, NM_006617, NM_003113, NM_002274, NM_153490, NM_000998, NM_020238, NM_000969, NM_002276, XM_015717, NM_014445, NM_006009, XM_293412, NM_000988, NM_033546, NM_001002, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_001017418, NM_006945, NM_002952, NM_001037494, NM_021029, NM_001009, XM_370611, NM_000994, NM_001005, NM_173086, NM_006088, NM_000996, NM_003777, NM_001015, NM_001025, NM_000976, NM_022117, NM_001014, NM_021109, NM_006082, NM_001000, NM_005555, NM_021046, NM_000421, NM_001004, NM_001175, NM_001012321, NM_001007, NM_015414, NM_032188, NM_006646, XM_293312, NM_001033853, NM_000970,
GOTERM_CC_ALL	nuclear lumen	25	NM_005335, NM_001452, NM_003487, NM_001101, NM_001614, NM_001436, NM_001015052, NM_016310, NM_003113, NM_012238, NM_001033853, NM_005121, NM_002486, NM_018171, NM_005474, NM_001261, NM_003169, NM_016389, NM_003091, NM_001011, NM_015859, NM_005381, NM_002136, NM_022117, NM_012482, NM_001025204,
GOTERM_BP_ALL	nuclear mRNA splicing, via spliceosome	9	NM_014884, NM_004593, NM_001039465, NM_003091, NM_018282, NM_201998, NM_013293, NM_005131, NM_001025204,
GOTERM_BP_ALL	nuclear transport	7	NM_001664, NM_020529, NM_002486, NM_199040, NM_002136, NM_005131, NM_000978,

GOTERM_MF_ALL	nucleic acid binding	163	NM_031844, NM_014469, NM_006489, NM_005634, NM_001007553, NM_032246, NM_004559, NM_017420, NM_003108, NM_000044, NM_005487, NM_018429, NM_001005273, NM_005131, NM_004926, NM_001404, NM_203374, NM_003908, NM_007317, NM_201998, NM_003927, NM_002971, NM_021167, NM_003987, NM_130901, NM_017629, NM_000985, XM_371019, NM_014517, NM_006397, NM_014884, NM_000975, NM_006635, NM_002136, NM_001068, NM_005858, NM_000981, NM_001013699, NM_032251, NM_012482, NM_005335, NM_001039465, NM_001452, NM_017722, NM_002146, NM_018282, NM_005968, NM_000983, NM_032836, NM_001015052, NM_002585, NM_003113, NM_002486, NM_004643, NM_000969, NM_002598, NM_013293, NM_001002, NM_000971, NM_033625, NM_005341, NM_014213, NM_001022, NM_006930, NM_000984, NM_005413, NM_020690, NM_002952, NM_001037663, NM_001009, NM_001402, NM_003428, NM_000843, NM_005986, NM_013234, NM_001005, NM_030613, NM_004593, NM_001085, NM_000996, NM_172027, NM_001015, NM_002691, NM_031266, NM_000976, NM_022117, NM_018942, NM_013286, NM_001010850, NM_001014, NM_002432, NM_020183, NM_003487, NM_001004, NM_207395, NM_001007, NM_024996, NM_025264, XM_293312, NM_002568, NM_002968, NM_001033853, NM_207171, NM_003753, NM_000970, NM_001024662, NM_015906, NM_001964, NM_033267, NM_000973, NM_024016, NM_005484,
GOTERM_BP_ALL	nucleocytoplasmic transport	8	NM_001664, NM_020529, NM_002486, NM_006305, NM_199040, NM_002136, NM_005131, NM_000978,
GOTERM_CC_ALL	nucleoplasm	19	NM_005335, NM_001452, NM_001101, NM_001614, NM_003487, NM_001261, NM_003169, NM_001015052, NM_016310, NM_016389, NM_003113, NM_005121, NM_012238, NM_002486, NM_015859, NM_002136, NM_018171, NM_012482, NM_001025204, NM_005474,
GOTERM_BP_ALL	nucleoside triphosphate biosynthesis	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	nucleoside triphosphate metabolism	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_MF_ALL	nucleoside-triphosphatase activity	38	NM_014861, NM_006082, NM_198829, NM_001024226, NM_006476, NM_024045, NM_001002031, NM_001686, NM_001005273, NM_003245, NM_001693, NM_001662, NM_006270, NM_001694, NM_001017998, NM_001665, NM_001685, NM_006009, NM_001001977, NM_002872, NM_000702, NM_007100, NM_006597, NM_006356, NM_000352, NM_138813, NM_001271, NM_001402, NM_001357, NM_001664, NM_001001937, NM_002524, NM_021033, NM_006088, NM_003777, NM_001002258, NM_001967, NM_183235,

GOTERM_MF_ALL	nucleotide binding	106	NM_021205, NM_005576, NM_014409, NM_031844, NM_175176, NM_005547, NM_001005273, NM_032409, NM_002953, NM_007317, NM_003927, NM_002872, NM_003987, NM_025150, NM_201533, NM_002969, NM_006597, NM_013233, NM_001261, NM_138813, NM_006254, NM_001001937, NM_001068, NM_002136, NM_005721, NM_212472, NM_001039465, NM_001101, NM_001614, NM_018282, NM_005968, NM_005609, NM_003245, NM_001693, NM_001662, NM_020812, NM_003656, NM_004643, NM_013293, NM_006009, NM_005923, NM_175571, NM_000984, NM_005044, NM_007355, NM_001402, NM_004593, NM_138769, NM_006088, NM_003777, NM_002691, NM_031266, NM_183235, NM_006822, NM_001010850, NM_013286, NM_006082, NM_198829, NM_033141, NM_001024226, NM_003487, NM_001686, NM_024996, NM_006270, NM_002568, NM_001031677, NM_002567, NM_001017998, NM_001665, NM_006282, NM_012393, NM_153292, NM_001357, NM_001664, NM_022118, NM_002524, NM_005381, NM_012334, NM_021168, NM_001025204, NM_014861, NM_002747, NM_148977, NM_139062, NM_007285, NM_024045, NM_014370, NM_003718, NM_002512, NM_000702, NM_004566, NM_030979, NM_000352, NM_015076, NM_004333, NM_001271, NM_002314, NM_000291, NM_194247, NM_001280, NM_005345, NM_021033, NM_017771, NM_016732, NM_030919, NM_001967, NM_014496,
GOTERM_BP_ALL	nucleotide biosynthesis	16	NM_007100, NM_005746, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_001114, NM_012393,
GOTERM_BP_ALL	nucleotide metabolism	20	NM_007100, NM_005746, NM_006755, NM_000365, NM_006476, NM_199040, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_005589, NM_001002258, NM_001114, NM_012393,
GOTERM_MF_ALL	obsolete molecular function	29	NM_007308, NM_002799, NM_004074, NM_006476, NM_001002031, NM_004255, NM_001686, NM_001863, NM_002800, NM_016310, NM_001865, NM_001693, NM_002013, NM_000312, NM_201413, NM_001694, NM_005729, NM_001685, NM_000146, NM_001001977, NM_007100, NM_004374, NM_006356, NM_002727, NM_000576, NM_001001937, NM_021130, NM_000801, NM_001002258,
GOTERM_BP_ALL	organ development	28	NM_001007553, NM_031917, NM_000044, NM_181870, NM_000200, NM_002585, NM_012238, NM_001002857, NM_006291, NM_014780, NM_005474, NM_002969, NM_020860, NM_001022, NM_001009181, NM_005413, NM_004333, NM_003333, NM_002959, NM_001426, NM_003564, NM_003260, NM_002524, NM_021019, NM_079423, NM_005437, NM_006457, NM_000584, NM_005560,

GOTERM_BP_ALL	organ morphogenesis	12	NM_003260, NM_001007553, NM_002524, NM_006291, NM_031917, NM_014780, NM_006457, NM_004333, NM_005437, NM_000584, NM_181870, NM_005560,
GOTERM_CC_ALL	organelle	408	NM_006332, NM_178526, NM_017420, NM_003168, NM_001005273, NM_000999, NM_012318, NM_002013, NM_203374, NM_020956, NM_003908, NM_007317, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_024700, NM_019084, NM_007104, NM_005858, NM_012482, NM_003290, NM_003125, NM_016604, NM_001101, NM_001614, NM_002146, NM_005968, NM_145046, NM_003245, NM_001015052, NM_018694, NM_006617, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_005341, NM_021029, NM_000994, NM_003428, NM_005986, NM_030613, NM_004541, NM_000996, NM_001015, NM_002691, NM_001004333, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_020183, NM_001024226, NM_003487, NM_000421, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006058, NM_002968, NM_000970, NM_001024662, NM_033267, NM_021103, NM_005484, NM_006135, NM_003169, NM_002635, NM_001357, NM_021074, NM_173352, NM_006497, NM_001664, NM_022130, NM_000532, NM_012334, NM_003761, NM_000980, NM_003003, NM_005620, NM_001865, NM_001024, NM_020357, NM_012238, NM_005194, NM_145897, NM_012235, NM_012423, NM_002705, NM_004729, NM_019001, NM_001426, NM_004924, NM_138632, NM_006357, NM_015859, NM_020649, XM_371853, NM_031844, NM_022822,
GOTERM_CC_ALL	organelle envelope	23	NM_004074, NM_004549, NM_178526, NM_015256, NM_001636, NM_006294, NM_001002031, NM_004255, NM_014402, NM_002635, NM_001686, NM_001863, NM_021960, NM_001865, NM_003564, NM_021074, NM_001288, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_003624, NM_001002258,
GOTERM_CC_ALL	organelle inner membrane	18	NM_004549, NM_004074, NM_178526, NM_001636, NM_006294, NM_001002031, NM_014402, NM_004255, NM_002635, NM_001686, NM_001863, NM_001865, NM_021074, NM_001001937, NM_001685, NM_031212, NM_001001977, NM_001002258,
GOTERM_CC_ALL	organelle lumen	29	NM_005335, NM_001452, NM_003487, NM_001101, NM_001614, NM_001436, NM_005347, NM_001015052, NM_016310, NM_003113, NM_012238, NM_001033853, NM_005121, NM_002486, NM_018171, NM_005474, NM_005114, NM_001261, NM_003169, NM_016389, NM_003091, NM_001011, NM_000126, NM_015859, NM_000532, NM_005381, NM_002136, NM_022117, NM_012482, NM_001025204,

GOTERM_CC_ALL	organelle membrane	29	NM_004549, NM_004074, NM_032452, NM_178526, NM_015256, NM_006294, NM_001002031, NM_004255, NM_005347, NM_001686, NM_001863, NM_021960, NM_001865, NM_017657, NM_001685, NM_018973, NM_018171, NM_001001977, NM_004267, NM_001636, NM_014402, NM_002635, NM_003564, NM_021074, NM_001001937, NM_003896, NM_004069, NM_031212, NM_001002258,
GOTERM_BP_ALL	organelle organization and biogenesis	50	NM_005507, NM_006082, NM_198829, NM_021109, NM_022822, NM_001175, NM_001511, NM_005487, NM_001005273, NM_032188, NM_006646, XM_293312, NM_000972, NM_007317, NM_181335, NM_002971, NM_021103, NM_005474, NM_000424, NM_002272, NM_004368, NM_014292, NM_006135, NM_003169, NM_005731, NM_152862, NM_002284, NM_001664, NM_005324, NM_001013699, NM_183049, NM_005206, NM_001436, NM_057088, NM_012238, NM_002983, NM_183040, NM_006009, NM_033396, NM_001002, NM_001037494, NM_001271, NM_005986, NM_173086, NM_002314, NM_004924, NM_138632, NM_006088, NM_003777, NM_022117, NM_020649, NM_005560,
GOTERM_BP_ALL	oxidative phosphorylation	19	NM_007100, NM_004549, NM_004074, NM_006294, NM_006476, NM_006356, NM_001002031, NM_004255, NM_001686, NM_001863, NM_001693, NM_001865, NM_002491, NM_021074, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258,
GOTERM_MF_ALL	oxidoreductase activity	33	NM_016518, NM_006332, NM_004074, NM_004549, NM_001641, NM_000018, NM_001007553, NM_006294, NM_004255, NM_001863, NM_005566, NM_001865, NM_005576, NM_000636, NM_001024466, NM_002491, NM_002032, NM_000786, NM_002046, NM_198080, NM_181652, NM_005589, NM_207127, NM_153292, NM_000581, NM_201397, NM_004374, NM_003406, NM_000918, NM_014402, NM_021074, NM_002489, NM_004541, NM_144683, NM_003329,
GOTERM_MF_ALL	oxidoreductase activity, acting on heme group of donors	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	oxidoreductase activity, acting on heme group of donors, oxygen as acceptor	5	NM_004074, NM_004374, NM_004255, NM_001863, NM_001865,
GOTERM_MF_ALL	oxidoreductase activity, acting on NADH or NADPH	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_MF_ALL	oxidoreductase activity, acting on NADH or NADPH, quinone or similar compound as acceptor	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_BP_ALL	oxygen and reactive oxygen species metabolism	6	NM_000433, NM_153292, NM_000581, NM_201397, NM_001007553, NM_181652, NM_000636, NM_001024466,
GOTERM_MF_ALL	peptide binding	9	NM_002029, NM_000288, NM_020529, NM_005729, NM_021130, NM_000801, NM_001557, NM_002013, NM_002959,

GOTERM_CC_ALL	peroxisome	5	NM_016518, NM_000288, NM_015256, NM_181652, NM_207127,
GOTERM_BP_ALL	phosphate metabolism	51	NM_003576, NM_033141, NM_032246, NM_006476, NM_173176, NM_004255, NM_001686, NM_001863, NM_032409, NM_002491, NM_002835, NM_002953, NM_001694, NM_002827, NM_006282, NM_007100, NM_002969, NM_013233, NM_001261, NM_006356, NM_144641, NM_021074, NM_006254, NM_001001937, NM_212472, NM_004549, NM_002747, NM_004074, NM_139062, NM_006294, NM_001002031, NM_014370, NM_002972, NM_003718, NM_001865, NM_001693, NM_003656, NM_001685, NM_005923, NM_001001977, NM_004877, NM_015076, NM_004333, NM_005044, NM_000211, NM_000291, NM_002314, NM_003828, NM_017771, NM_001002258, NM_014496,
GOTERM_MF_ALL	phospholipid binding	8	NM_006254, NM_000700, NM_001002857, NM_013416, NM_002567, NM_017771, NM_004227, NM_007184,
GOTERM_BP_ALL	phosphorus metabolism	51	NM_003576, NM_033141, NM_032246, NM_006476, NM_173176, NM_004255, NM_001686, NM_001863, NM_032409, NM_002491, NM_002835, NM_002953, NM_001694, NM_002827, NM_006282, NM_007100, NM_002969, NM_013233, NM_001261, NM_006356, NM_144641, NM_021074, NM_006254, NM_001001937, NM_212472, NM_004549, NM_002747, NM_004074, NM_139062, NM_006294, NM_001002031, NM_014370, NM_002972, NM_003718, NM_001865, NM_001693, NM_003656, NM_001685, NM_005923, NM_001001977, NM_004877, NM_015076, NM_004333, NM_005044, NM_000211, NM_000291, NM_002314, NM_003828, NM_017771, NM_001002258, NM_014496,
GOTERM_BP_ALL	phosphorylation	46	NM_004074, NM_002747, NM_004549, NM_003576, NM_033141, NM_139062, NM_032246, NM_006294, NM_173176, NM_006476, NM_001002031, NM_004255, NM_014370, NM_003718, NM_001686, NM_001863, NM_001693, NM_001865, NM_032409, NM_002491, NM_002953, NM_001694, NM_003656, NM_001685, NM_006282, NM_005923, NM_001001977, NM_007100, NM_002969, NM_004877, NM_013233, NM_006356, NM_001261, NM_005044, NM_004333, NM_015076, NM_000211, NM_021074, NM_002314, NM_000291, NM_006254, NM_001001937, NM_017771, NM_001002258, NM_014496, NM_212472,

GOTERM_BP_ALL	physiological process	549	NM_006532, NM_002799, NM_178526, NM_001007553, NM_032240, NM_017426, NM_003108, NM_001005273, NM_000999, NM_152313, NM_002013, NM_003908, NM_002984, NM_207007, NM_007317, NM_005072, NM_152414, NM_002356, NM_005474, XM_372048, NM_000424, NM_002272, NM_001032, NM_013233, NM_152831, NM_152888, NM_152868, NM_138813, NM_004519, NM_006397, NM_006263, NM_019084, NM_007104, NM_013230, NM_005858, NM_004227, NM_032251, NM_012482, NM_212472, NM_017722, NM_001101, NM_001614, NM_002146, NM_018282, NM_006304, NM_001014797, NM_033223, NM_145046, NM_003245, NM_001015052, NM_018694, NM_019849, NM_000998, NM_005500, NM_003656, NM_006305, NM_183040, NM_013293, XM_293412, NM_000988, NM_020548, NM_005341, NM_018998, NM_001037663, NM_194447, NM_021029, NM_003332, NM_000994, NM_003428, NM_005986, NM_003828, NM_001085, NM_004541, NM_021130, NM_020530, NM_000996, NM_001015, NM_002691, NM_001002258, NM_018942, NM_001010850, NM_017900, NM_198829, NM_020183, NM_001024226, NM_001004, NM_001686, NM_015335, NM_015414, NM_025264, NM_205840, NM_032188, NM_006058, NM_002968, NM_003753, NM_000970, NM_001024662, NM_033267, NM_004633, NM_021103, NM_005484, NM_004366, NM_153292, NM_006135, NM_003169, NM_002635, NM_021074, NM_006497, NM_194252, NM_001664, NM_005267, NM_000532, NM_003761,
GOTERM_BP_ALL	positive regulation of biological process	34	NM_003810, NM_003900, NM_005746, NM_017900, NM_033141, NM_032246, NM_173176, NM_015322, NM_003718, NM_005121, NM_014550, NM_001665, NM_181335, NM_006282, NM_005923, NM_001001483, NM_001114, NM_003790, NM_012235, NM_002468, NM_002029, NM_015675, NM_000985, NM_003824, NM_016479, NM_001675, NM_003169, NM_003333, NM_007355, NM_001664, NM_006088, NM_000801, NM_003168, NM_005437,
GOTERM_BP_ALL	positive regulation of cellular metabolism	10	NM_003900, NM_001675, NM_017900, NM_005121, NM_032246, NM_003169, NM_003168, NM_005437, NM_003333, NM_012235,
GOTERM_BP_ALL	positive regulation of cellular physiological process	23	NM_003824, NM_003900, NM_003810, NM_005746, NM_001675, NM_017900, NM_032246, NM_015322, NM_173176, NM_003169, NM_003718, NM_003333, NM_001664, NM_005121, NM_006088, NM_001665, NM_181335, NM_005437, NM_003168, NM_006282, NM_005923, NM_012235, NM_003790,
GOTERM_BP_ALL	positive regulation of cellular process	28	NM_003810, NM_003900, NM_005746, NM_017900, NM_032246, NM_173176, NM_015322, NM_003718, NM_005121, NM_001665, NM_181335, NM_006282, NM_001001483, NM_005923, NM_003790, NM_012235, NM_002468, NM_000985, NM_003824, NM_016479, NM_001675, NM_003169, NM_003333, NM_001664, NM_006088, NM_000801, NM_003168, NM_005437,

GOTERM_BP_ALL	positive regulation of enzyme activity	6	NM_015675, NM_002029, NM_033141, NM_014550, NM_005923, NM_001114,
GOTERM_BP_ALL	positive regulation of I-kappaB kinase/NF-kappaB cascade	8	NM_002468, NM_003824, NM_000985, NM_003810, NM_016479, NM_001664, NM_000801, NM_001001483,
GOTERM_BP_ALL	positive regulation of metabolism	11	NM_003900, NM_001675, NM_017900, NM_005121, NM_032246, NM_003169, NM_003168, NM_005437, NM_007355, NM_003333, NM_012235,
GOTERM_BP_ALL	positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolism	9	NM_003900, NM_001675, NM_005121, NM_032246, NM_003169, NM_003168, NM_005437, NM_003333, NM_012235,
GOTERM_BP_ALL	positive regulation of physiological process	24	NM_003824, NM_003900, NM_003810, NM_005746, NM_001675, NM_017900, NM_032246, NM_015322, NM_173176, NM_003169, NM_003718, NM_003333, NM_007355, NM_001664, NM_005121, NM_006088, NM_001665, NM_181335, NM_005437, NM_003168, NM_006282, NM_005923, NM_012235, NM_003790,
GOTERM_BP_ALL	positive regulation of protein kinase activity	5	NM_015675, NM_002029, NM_033141, NM_014550, NM_005923,
GOTERM_BP_ALL	positive regulation of signal transduction	8	NM_002468, NM_003824, NM_000985, NM_003810, NM_016479, NM_001664, NM_000801, NM_001001483,
GOTERM_BP_ALL	positive regulation of transcription	9	NM_003900, NM_001675, NM_005121, NM_032246, NM_003169, NM_003168, NM_005437, NM_003333, NM_012235,
GOTERM_BP_ALL	positive regulation of transcription, DNA-dependent	6	NM_003900, NM_001675, NM_005121, NM_003169, NM_005437, NM_012235,
GOTERM_BP_ALL	positive regulation of transferase activity	5	NM_015675, NM_002029, NM_033141, NM_014550, NM_005923,
GOTERM_MF_ALL	potassium ion binding	9	NM_032591, NM_000238, NM_005714, NM_001014797, NM_005072, NM_152868, NM_000702, NM_004976, NM_004519,
GOTERM_BP_ALL	potassium ion transport	12	NM_032591, NM_000238, NM_005714, NM_015353, NM_001014797, NM_005072, NM_000352, NM_152868, NM_000702, NM_004976, NM_004519, NM_001426,
GOTERM_MF_ALL	P-P-bond-hydrolysis-driven transporter activity	14	NM_007100, NM_014861, NM_006476, NM_006356, NM_001002031, NM_138813, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,
GOTERM_MF_ALL	primary active transporter activity	26	NM_004549, NM_014861, NM_004074, NM_006476, NM_006294, NM_001002031, NM_004255, NM_001686, NM_001863, NM_001865, NM_001693, NM_002491, NM_001694, NM_001685, NM_001001977, NM_000702, NM_007100, NM_004374, NM_006356, NM_014402, NM_138813, NM_021074, NM_001001937, NM_002489, NM_004541, NM_001002258,

			NM_002799, NM_005576, NM_005654, NM_001625, NM_032240, NM_001007553, NM_006476, NM_017420, NM_003108, NM_000044, NM_018429, NM_001005273, NM_000999, NM_194460, NM_021009, NM_032409, NM_000636, NM_001024466, NM_002013, NM_001028, NM_001694, NM_016311, NM_178190, NM_003908, NM_018320, NM_014780, NM_152414, NM_021167, NM_017629, NM_005474, XM_372048, NM_001032, NM_002969, NM_006597, XM_371019, NM_013233, NM_152831, NM_006397, NM_014884, NM_000975, NM_006254, NM_007104, NM_032251, NM_015133, NM_012482, NM_212472, NM_001039465, NM_017722, NM_002146, NM_002537, NM_018282, NM_001005377, NM_006304, NM_000983, NM_005609, NM_145046, NM_003245, NM_001015052, NM_032836, NM_001693, NM_018694, NM_002585, NM_003113, NM_000998, NM_005121, NM_005500, NM_003656, NM_018973, NM_013293, NM_005923, XM_293412, NM_000988, NM_005341, NM_033625, NM_001022, NM_018998, NM_005413, NM_005044, NM_001037663, NM_021029, NM_000994, NM_001402, NM_003428, NM_002970, NM_000843, NM_005986, NM_013234, NM_003828, NM_004593, NM_001085, NM_021130, NM_006088, NM_170770, NM_000996, NM_002691, NM_001015, NM_005437, NM_001002258, NM_000976, NM_018942, NM_013286, NM_017900, NM_033141, NM_198829, NM_006082, NM_020183, NM_000700, NM_001004,
GOTERM_BP_ALL	primary metabolism	357	NM_207395, NM_001012321, NM_001686, NM_015335, NM_015414, NM_025264,
			NM_007308, NM_003810, NM_003900, NM_005507, NM_000700, NM_173176, NM_015322, NM_005347, NM_021960, NM_000312, NM_201413, NM_020529, NM_012238, NM_014550, NM_002598, NM_006282, NM_005923, NM_001066, NM_003790, NM_015675, NM_003824, NM_004323, NM_001636, NM_003897, NM_004333, NM_005745, NM_000211, NM_005345, NM_000576, NM_003295,
GOTERM_BP_ALL	programmed cell death	32	NM_006088, NM_018434,
			NM_003064, NM_030666, NM_201413, NM_001085, NM_000100, NM_181642,
GOTERM_MF_ALL	protease inhibitor activity	10	NM_002567, NM_002638, NM_001002235, NM_005213,
			NM_002810, NM_002816, NM_002799, NM_006304, NM_002800, NM_002809,
GOTERM_CC_ALL	proteasome complex (sensu Eukaryota)	7	NM_006263,

GOTERM_MF_ALL	protein binding	264	NM_005507, NM_153266, NM_001025, NM_032246, NM_021100, NM_000044, NM_001005273, NM_004926, NM_194460, NM_002032, NM_020956, NM_016506, NM_018320, NM_002984, NM_207007, NM_014780, NM_002872, NM_002356, NM_005474, NM_000424, NM_002272, NM_020860, NM_002969, NM_006597, NM_013416, NM_002284, NM_001288, NM_006254, NM_182706, NM_005858, NM_032251, NM_015133, NM_002964, NM_212472, NM_003290, NM_001101, NM_001614, NM_001005377, NM_006304, NM_001014797, NM_145046, NM_032836, NM_017657, NM_057091, NM_000200, NM_002585, NM_003113, NM_005121, NM_005500, NM_003656, NM_006305, NM_183040, NM_018973, NM_005923, NM_003790, NM_020548, NM_005341, NM_001037663, NM_001402, NM_001085, NM_021130, NM_020530, NM_002652, NM_006088, NM_052978, NM_170770, NM_005437, NM_001015, NM_002691, NM_001002258, NM_005480, NM_001010850, NM_017900, NM_021109, NM_033141, NM_198829, NM_001024226, NM_000700, NM_001686, NM_205840, NM_000628, NM_003247, NM_006646, NM_006058, NM_003025, NM_000970, NM_001024662, NM_001017998, NM_000146, NM_004633, NM_021103, NM_002816, NM_004368, NM_002298, NM_153292, NM_184041, NM_012478, NM_014615, NM_006135, NM_003169, NM_001795, NM_004976, NM_001357, NM_006497, NM_004389, NM_001664, NM_001011, NM_001002235, NM_012334, NM_000986,
GOTERM_BP_ALL	protein biosynthesis	100	XM_371853, NM_001023, XM_927103, NM_000999, NM_001404, NM_001028, NM_001025071, NM_005617, NM_003908, NM_000972, NM_170738, NM_017629, NM_025150, NM_001006, XM_372048, NM_000985, NM_001032, NM_001026, NM_001997, XM_371019, NM_000978, NM_000975, NM_000989, NM_007104, NM_000981, NM_001012, NM_002954, NM_002948, NM_000983, NM_000998, NM_138706, NM_000969, XM_015717, NM_014445, NM_018973, XM_293412, NM_000988, NM_001002, NM_033625, NM_000971, NM_001022, NM_000984, NM_001017, NM_002952, NM_001037663, NM_021029, NM_000994, XM_370611, NM_001009, NM_001402, NM_013234, NM_001005, NM_003896, NM_000996, NM_001015, NM_001025, NM_000976, NM_001014, NM_001000, NM_001004, NM_001012321, NM_001007, NM_024996, NM_015414, NM_006058, NM_002568, NM_003753, NM_000970, NM_001024662, NM_001033853, XM_371023, NM_000973, NM_014180, XM_208185, NM_033251, NM_022551, NM_003333, NM_016219, NM_001011, NM_001031, NM_001001, XM_496442, NM_000986, NM_000980, NM_000992, NM_000661, XM_495839, NM_005801, NM_001035267, NM_001024, XM_058967, NM_152269, NM_001030009, NM_000968, NM_012235, NM_012423, NM_003973, NM_000990, NM_001020, NM_006013, NM_030919, NM_001967,

GOTERM_CC_ALL	protein complex	192	NM_032452, NM_002799, XM_371855, NM_031844, NM_014469, NM_001025, NM_032246, NM_022822, NM_006476, XM_927103, NM_005347, NM_000999, NM_001404, NM_194460, NM_001028, NM_002032, NM_001025071, NM_005617, NM_001694, NM_000972, NM_003908, NM_018320, NM_007317, NM_201998, NM_170738, NM_014548, NM_014780, NM_005474, NM_007100, NM_000985, XM_372048, NM_001006, NM_001032, NM_001026, NM_001997, XM_371019, NM_001636, NM_001261, NM_152868, NM_006833, NM_000978, NM_004519, NM_006263, NM_000975, NM_005516, NM_000989, NM_001001937, NM_021019, NM_079423, NM_007104, NM_002136, NM_000981, NM_001013699, NM_005721, NM_012482, NM_001012, NM_002954, NM_212472, NM_005335, NM_001452, NM_005720, NM_001101, NM_001614, NM_002948, NM_006304, NM_005968, NM_001002031, NM_001014797, NM_000983, NM_002809, NM_017657, NM_001693, NM_000998, NM_005121, NM_000969, XM_015717, NM_001685, NM_018973, NM_014445, NM_006009, XM_293412, NM_000988, NM_033546, NM_001002, NM_000971, NM_033625, NM_004475, NM_005789, NM_001022, NM_012158, NM_000984, NM_001017, NM_023035, NM_003347, NM_001037663, NM_002952, NM_001037494, NM_021029, NM_001009, XM_370611, NM_000994, NM_016389, NM_001005, NM_006088, NM_170770, NM_000996, NM_001015, NM_003777, NM_031266, NM_001025, NM_001002258, NM_000976, NM_001014,
GOTERM_BP_ALL	protein complex assembly	15	NM_032452, NM_001039465, NM_173176, NM_004781, NM_006135, NM_003245, NM_006646, NM_152879, XM_293312, NM_014550, NM_201998, NM_003761, NM_022117, NM_005324, NM_001013699,
GOTERM_MF_ALL	protein dimerization activity	13	NM_000424, NM_002272, NM_001675, NM_002229, NM_033141, NM_004729, NM_000044, NM_000521, NM_021960, NM_005252, NM_032591, NM_005500, NM_005194, NM_006282,
GOTERM_MF_ALL	protein domain specific binding	5	NM_003900, NM_002835, NM_003406, NM_005206, NM_007355,
GOTERM_MF_ALL	protein kinase binding	9	NM_003824, NM_003900, NM_006457, NM_005858, NM_006098, NM_032836, NM_015133, NM_000211, NM_005456,
GOTERM_BP_ALL	protein kinase cascade	21	NM_002468, NM_003824, NM_003900, NM_003810, NM_002029, NM_015675, NM_000985, NM_016479, NM_033141, NM_212492, NM_032246, NM_032409, NM_001664, NM_020529, NM_014550, NM_000801, NM_006282, NM_005923, NM_001001483, NM_015133, NM_005456,
GOTERM_MF_ALL	protein kinase CK2 activity	13	NM_002747, NM_003576, NM_002969, NM_013233, NM_001261, NM_014370, NM_005044, NM_032409, NM_002314, NM_002953, NM_006282, NM_014496, NM_212472,

GOTERM_BP_ALL	protein localization	29	NM_003900, NM_032452, NM_005932, NM_001024226, NM_014453, NM_007285, NM_022080, NM_017657, NM_001662, NM_020529, NM_001031677, NM_001017998, NM_176812, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_016226, NM_000288, NM_001664, NM_001494, NM_004069, NM_031431, NM_021168, NM_003624, NM_183235, NM_019059, NM_006822,
GOTERM_BP_ALL	protein metabolism	203	NM_002799, NM_003576, NM_001025, NM_032246, NM_000999, NM_194460, NM_032409, NM_002013, NM_021009, NM_001028, NM_003908, NM_018320, NM_014780, NM_017629, XM_372048, NM_001032, NM_002969, NM_006597, XM_371019, NM_013233, NM_152831, NM_000975, NM_006254, NM_007104, NM_015133, NM_212472, NM_001039465, NM_001005377, NM_006304, NM_000983, NM_145046, NM_003245, NM_000998, NM_005500, NM_003656, NM_018973, NM_005923, XM_293412, NM_000988, NM_033625, NM_001022, NM_018998, NM_001037663, NM_005044, NM_021029, NM_000994, NM_001402, NM_013234, NM_003828, NM_021130, NM_006088, NM_000996, NM_170770, NM_001015, NM_000976, NM_017900, NM_006082, NM_198829, NM_033141, NM_001004, NM_001012321, NM_015414, NM_006646, NM_006058, NM_003753, NM_000970, NM_001024662, NM_001017998, NM_014180, NM_005484, NM_002816, XM_208185, NM_033251, NM_022551, NM_014615, NM_006135, NM_194252, NM_001011, NM_001001, NM_003761, NM_005324, XM_496442, NM_000986, NM_000980, NM_014370, NM_002800, XM_495839, NM_005801, NM_001024, XM_058967, NM_000312, NM_152269, NM_012238, NM_001030009, NM_183421, NM_145897, NM_012235, NM_012423, NM_003973, NM_004333, NM_001020, NM_002314, NM_138632, NM_006357, NM_017771, NM_030919, NM_014496, XM_371853, NM_032452, NM_173176, XM_927103, NM_001404,
GOTERM_BP_ALL	protein polymerization	6	NM_006646, NM_006082, NM_198829, NM_006088, NM_006009, NM_005731, NM_152862,
GOTERM_MF_ALL	protein serine/threonine kinase activity	22	NM_002747, NM_003576, NM_002969, NM_033141, NM_139062, NM_032246, NM_013233, NM_001261, NM_005044, NM_004333, NM_015076, NM_014370, NM_003718, NM_032409, NM_002953, NM_002314, NM_006254, NM_003656, NM_006282, NM_005923, NM_014496, NM_212472,
GOTERM_BP_ALL	protein transport	28	NM_032452, NM_005932, NM_001024226, NM_014453, NM_007285, NM_022080, NM_017657, NM_001662, NM_020529, NM_001031677, NM_001017998, NM_176812, NM_007347, NM_003569, NM_005745, NM_000978, NM_002959, NM_016226, NM_001664, NM_000288, NM_001494, NM_004069, NM_031431, NM_021168, NM_003624, NM_183235, NM_019059, NM_006822,

GOTERM_BP_ALL	proton transport	13	NM_007100, NM_014861, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_001685, NM_001001977, NM_001002258, NM_000702,
GOTERM_CC_ALL	proton-transporting ATP synthase complex	9	NM_007100, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258,
GOTERM_CC_ALL	proton-transporting ATP synthase complex (sensu Eukaryota)	5	NM_001001937, NM_001002031, NM_001001977, NM_001686, NM_001002258,
GOTERM_CC_ALL	proton-transporting ATP synthase complex, coupling factor F(o)	6	NM_007100, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001002258,
GOTERM_CC_ALL	proton-transporting two-sector ATPase complex	11	NM_007100, NM_001694, NM_001001937, NM_006476, NM_001002031, NM_006356, NM_001685, NM_001001977, NM_001686, NM_001002258, NM_001693,
GOTERM_BP_ALL	purine nucleoside triphosphate biosynthesis	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	purine nucleoside triphosphate metabolism	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_MF_ALL	purine nucleotide binding	82	NM_031844, NM_003576, NM_021205, NM_033141, NM_198829, NM_006082, NM_001024226, NM_173176, NM_005347, NM_001686, NM_001005273, NM_024996, NM_032409, NM_002953, NM_001031677, NM_006270, NM_002567, NM_001017998, NM_001665, NM_007317, NM_006282, NM_003987, NM_002872, NM_025150, NM_201533, NM_012393, NM_002969, NM_006597, NM_153292, NM_013233, NM_001261, NM_138813, NM_001357, NM_001664, NM_006254, NM_001001937, NM_002524, NM_001068, NM_012334, NM_021168, NM_005721, NM_212472, NM_002747, NM_014861, NM_139062, NM_148977, NM_001101, NM_001614, NM_007285, NM_024045, NM_014370, NM_003718, NM_003245, NM_001693, NM_001662, NM_020812, NM_003656, NM_002512, NM_005923, NM_006009, NM_000702, NM_004566, NM_175571, NM_000352, NM_005044, NM_004333, NM_015076, NM_001271, NM_001402, NM_007355, NM_002314, NM_000291, NM_005345, NM_021033, NM_138769, NM_006088, NM_017771, NM_003777, NM_030919, NM_001967, NM_183235, NM_014496, NM_006822,
GOTERM_BP_ALL	purine nucleotide biosynthesis	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,
GOTERM_BP_ALL	purine nucleotide metabolism	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,

GOTERM_BP_ALL	purine ribonucleoside triphosphate biosynthesis	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	purine ribonucleoside triphosphate metabolism	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	purine ribonucleotide biosynthesis	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,
GOTERM_BP_ALL	purine ribonucleotide metabolism	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,
GOTERM_MF_ALL	pyrophosphatase activity	39	NM_014861, NM_006082, NM_198829, NM_001024226, NM_006476, NM_024045, NM_001002031, NM_001686, NM_001005273, NM_003245, NM_001693, NM_001662, NM_001694, NM_006270, NM_001017998, NM_001665, NM_001685, NM_006009, NM_001001977, NM_002872, NM_000702, NM_007100, NM_006597, NM_199040, NM_006356, NM_000352, NM_138813, NM_001271, NM_001402, NM_001357, NM_001664, NM_001001937, NM_002524, NM_021033, NM_006088, NM_003777, NM_001002258, NM_001967, NM_183235,
GOTERM_MF_ALL	receptor binding	34	NM_003810, NM_005746, NM_001010850, NM_000700, NM_015322, NM_007285, NM_001511, NM_004926, NM_032836, NM_057091, NM_002983, NM_005121, NM_001405, NM_002984, NM_207007, NM_006098, NM_002162, NM_006312, NM_173842, NM_002468, NM_003824, NM_020548, NM_004877, NM_001005611, NM_004114, NM_005745, NM_002341, NM_000576, NM_020530, NM_003378, NM_006088, NM_005437, NM_000584, NM_005560, NM_002964,
GOTERM_BP_ALL	regulation of apoptosis	19	NM_007308, NM_003810, NM_003824, NM_005507, NM_004323, NM_000700, NM_003897, NM_015322, NM_004333, NM_005347, NM_021960, NM_000312, NM_005345, NM_014550, NM_003295, NM_006088, NM_006282, NM_005923, NM_003790,

GOTERM_BP_ALL	regulation of biological process	182	NM_005567, NM_005634, NM_001007553, NM_032246, NM_004559, NM_015322, NM_173176, NM_017420, NM_003108, NM_000044, NM_001511, NM_005347, NM_005487, NM_018429, NM_001005273, NM_000636, NM_001024466, NM_002032, NM_153649, NM_016311, NM_178190, NM_001623, NM_004847, NM_201998, NM_181335, NM_005072, NM_014780, NM_003927, NM_002971, NM_152414, NM_021167, NM_003987, NM_005474, NM_000985, NM_000424, NM_002272, NM_002029, NM_004323, NM_002969, NM_015714, NM_014517, NM_199040, NM_001261, NM_006635, NM_003295, NM_019084, NM_032251, NM_015133, NM_012482, NM_212472, NM_007308, NM_001037637, NM_005335, NM_001452, NM_002146, NM_018282, NM_001005377, NM_014781, NM_032836, NM_021960, NM_002585, NM_003113, NM_020529, NM_005121, NM_002823, NM_005923, NM_001001483, NM_033546, NM_001114, NM_003790, NM_005341, NM_014213, NM_006930, NM_005413, NM_001402, NM_003428, NM_007355, NM_000843, NM_005986, NM_001085, NM_020244, NM_000576, NM_021130, NM_020530, NM_006088, NM_000801, NM_005437, NM_022117, NM_005456, NM_018942, NM_003810, NM_005746, NM_013286, NM_017900, NM_033141, NM_212492, NM_002432, NM_198829, NM_020183, NM_000700, NM_001175, NM_207395, NM_001012321, NM_025264, NM_015335, NM_205840, NM_032188, NM_002568, NM_002968, NM_006058, NM_000970, NM_001024662, NM_003753,
GOTERM_BP_ALL	regulation of biosynthesis	8	NM_002568, NM_003753, NM_001012321, NM_001967, NM_001402, NM_005801, NM_007355, NM_012235,
GOTERM_BP_ALL	regulation of cell cycle	24	NM_003641, NM_017900, NM_002969, NM_006930, NM_015714, NM_012090, NM_014781, NM_005938, NM_001261, NM_003718, NM_019001, NM_006497, NM_001623, NM_004847, NM_000576, NM_002524, NM_001800, NM_019084, NM_001665, NM_002512, NM_002823, NM_005072, NM_000584, NM_022117, NM_005474,
GOTERM_BP_ALL	regulation of cell proliferation	19	NM_000424, NM_002272, NM_003641, NM_005746, NM_173176, NM_005620, NM_005938, NM_001511, NM_003718, NM_205840, NM_002032, NM_001623, NM_004847, NM_153232, NM_000576, NM_001800, NM_020530, NM_001665, NM_002512, NM_000584, NM_006763,

GOTERM_BP_ALL	regulation of cellular physiological process	153	NM_005567, NM_005634, NM_001007553, NM_032240, NM_004559, NM_015322, NM_173176, NM_017420, NM_003108, NM_000044, NM_001511, NM_005347, NM_005487, NM_018429, NM_001005273, NM_000636, NM_001024466, NM_002032, NM_016311, NM_178190, NM_001623, NM_004847, NM_201998, NM_181335, NM_005072, NM_003927, NM_002971, NM_152414, NM_021167, NM_003987, NM_005474, NM_000424, NM_002272, NM_004323, NM_002969, NM_015714, NM_014517, NM_199040, NM_001261, NM_006635, NM_003295, NM_019084, NM_032251, NM_012482, NM_212472, NM_007308, NM_001037637, NM_005335, NM_001452, NM_002146, NM_018282, NM_014781, NM_032836, NM_021960, NM_002585, NM_003113, NM_020529, NM_005121, NM_002823, NM_005923, NM_003790, NM_005341, NM_014213, NM_006930, NM_005413, NM_001402, NM_003428, NM_000843, NM_005986, NM_020244, NM_000576, NM_020530, NM_006088, NM_005437, NM_022117, NM_018942, NM_003810, NM_005746, NM_013286, NM_017900, NM_002432, NM_198829, NM_020183, NM_000700, NM_207395, NM_001012321, NM_015335, NM_205840, NM_032188, NM_002568, NM_002968, NM_003753, NM_000970, NM_001024662, NM_014550, NM_015906, NM_001665, NM_001964, NM_006282, NM_033267, NM_024016, NM_001005611, NM_003897, NM_014292, NM_006135, NM_003169, NM_003453, NM_003333, NM_005731, NM_152862, NM_003260, NM_006497, NM_001664,
GOTERM_BP_ALL	regulation of cellular process	163	NM_005567, NM_005634, NM_001007553, NM_032240, NM_004559, NM_015322, NM_173176, NM_017420, NM_003108, NM_000044, NM_001511, NM_005347, NM_005487, NM_018429, NM_001005273, NM_000636, NM_001024466, NM_002032, NM_016311, NM_178190, NM_001623, NM_004847, NM_201998, NM_181335, NM_005072, NM_014780, NM_003927, NM_002971, NM_152414, NM_021167, NM_003987, NM_005474, NM_000985, NM_000424, NM_002272, NM_004323, NM_002969, NM_015714, NM_014517, NM_199040, NM_001261, NM_006635, NM_003295, NM_019084, NM_032251, NM_015133, NM_012482, NM_212472, NM_007308, NM_001037637, NM_005335, NM_001452, NM_002146, NM_018282, NM_014781, NM_032836, NM_021960, NM_002585, NM_003113, NM_020529, NM_005121, NM_002823, NM_005923, NM_001001483, NM_003790, NM_005341, NM_014213, NM_006930, NM_005413, NM_001402, NM_003428, NM_000843, NM_005986, NM_020244, NM_000576, NM_020530, NM_006088, NM_000801, NM_005437, NM_022117, NM_005456, NM_018942, NM_003810, NM_005746, NM_013286, NM_017900, NM_002432, NM_198829, NM_020183, NM_000700, NM_001175, NM_207395, NM_001012321, NM_015335, NM_205840, NM_032188, NM_002568, NM_002968, NM_003753, NM_000970, NM_001024662, NM_014550, NM_015906, NM_001665, NM_001964, NM_006282, NM_033267, NM_024016, NM_002468, NM_001005611, NM_003897, NM_014292, NM_003169,

GOTERM_BP_ALL	regulation of enzyme activity	13	NM_006076, NM_002029, NM_015675, NM_212492, NM_033141, NM_032246, NM_005347, NM_014550, NM_001800, NM_001494, NM_005923, NM_022117, NM_001114,
GOTERM_BP_ALL	regulation of I-kappaB kinase/NF-kappaB cascade	9	NM_002468, NM_003824, NM_003900, NM_000985, NM_003810, NM_016479, NM_001664, NM_000801, NM_001001483,
GOTERM_BP_ALL	regulation of kinase activity	9	NM_015675, NM_002029, NM_033141, NM_212492, NM_014550, NM_032246, NM_001800, NM_005923, NM_022117,
GOTERM_BP_ALL	regulation of physiological process	160	NM_005507, NM_003634, NM_001007553, NM_032246, NM_004559, NM_015322, NM_173176, NM_017420, NM_003108, NM_000044, NM_001511, NM_005347, NM_005487, NM_018429, NM_001005273, NM_000636, NM_001024466, NM_002032, NM_153649, NM_016311, NM_178190, NM_001623, NM_004847, NM_201998, NM_181335, NM_005072, NM_003927, NM_002971, NM_152414, NM_021167, NM_003987, NM_005474, NM_000424, NM_002272, NM_004323, NM_002969, NM_015714, NM_014517, NM_199040, NM_001261, NM_006635, NM_003295, NM_019084, NM_032251, NM_012482, NM_212472, NM_007308, NM_001037637, NM_005335, NM_001452, NM_002146, NM_018282, NM_001005377, NM_014781, NM_032836, NM_021960, NM_002585, NM_003113, NM_020529, NM_005121, NM_002823, NM_005923, NM_033546, NM_003790, NM_005341, NM_014213, NM_006930, NM_005413, NM_001402, NM_003428, NM_007355, NM_000843, NM_005986, NM_001085, NM_020244, NM_000576, NM_020530, NM_006088, NM_005437, NM_022117, NM_018942, NM_003810, NM_005746, NM_013286, NM_017900, NM_002432, NM_198829, NM_020183, NM_000700, NM_207395, NM_001012321, NM_015335, NM_205840, NM_032188, NM_002568, NM_002968, NM_003753, NM_000970, NM_001024662, NM_014550, NM_015906, NM_001665, NM_001964, NM_006282, NM_033267, NM_024016, NM_001005611, NM_003897, NM_014292, NM_003169, NM_006135, NM_003453,
GOTERM_BP_ALL	regulation of programmed cell death	19	NM_007308, NM_003810, NM_003824, NM_005507, NM_004323, NM_000700, NM_003897, NM_015322, NM_004333, NM_005347, NM_021960, NM_000312, NM_005345, NM_014550, NM_003295, NM_006088, NM_006282, NM_005923, NM_003790,
GOTERM_BP_ALL	regulation of progression through cell cycle	24	NM_003641, NM_017900, NM_002969, NM_006930, NM_015714, NM_012090, NM_014781, NM_005938, NM_001261, NM_003718, NM_019001, NM_006497, NM_001623, NM_004847, NM_000576, NM_002524, NM_001800, NM_019084, NM_001665, NM_002512, NM_002823, NM_005072, NM_000584, NM_022117, NM_005474,
GOTERM_BP_ALL	regulation of protein biosynthesis	7	NM_002568, NM_003753, NM_001012321, NM_001967, NM_001402, NM_005801, NM_012235,
GOTERM_BP_ALL	regulation of protein kinase activity	9	NM_015675, NM_002029, NM_033141, NM_212492, NM_014550, NM_032246, NM_001800, NM_005923, NM_022117,

GOTERM_BP_ALL	regulation of protein metabolism	13	NM_017900, NM_001005377, NM_006135, NM_001012321, NM_005801, NM_000211, NM_001402, NM_005731, NM_152862, NM_002568, NM_003753, NM_138632, NM_001967, NM_012235,
GOTERM_BP_ALL	regulation of signal transduction	15	NM_002468, NM_003810, NM_000985, NM_003900, NM_003824, NM_016479, NM_198829, NM_001664, NM_153232, NM_000801, NM_001001483, NM_002923, NM_022117, NM_015133, NM_005456,
GOTERM_BP_ALL	regulation of transcription from RNA polymerase II promoter	16	NM_003900, NM_002229, NM_001675, NM_020183, NM_005206, NM_014517, NM_003169, NM_001271, NM_001005273, NM_021005, NM_005252, NM_000636, NM_001024466, NM_002585, NM_005121, NM_012482, NM_212472,
GOTERM_BP_ALL	regulation of transferase activity	9	NM_015675, NM_002029, NM_033141, NM_212492, NM_014550, NM_032246, NM_001800, NM_005923, NM_022117,
GOTERM_BP_ALL	regulation of translation	6	NM_002568, NM_003753, NM_001012321, NM_001967, NM_001402, NM_005801,
GOTERM_BP_ALL	regulation of transport	5	NM_001664, NM_020529, NM_198829, NM_199040, NM_004069,
GOTERM_BP_ALL	response to abiotic stimulus	28	NM_001007553, NM_001005377, NM_001511, NM_016190, NM_000636, NM_001024466, NM_000200, NM_006096, NM_152879, NM_002983, NM_020956, NM_006788, NM_002984, NM_207007, NM_181652, NM_002029, NM_006597, NM_021200, NM_000581, NM_201397, NM_003169, NM_007355, NM_000211, NM_000843, NM_001280, NM_005345, NM_002524, NM_002691, NM_000160, NM_001557, NM_000584,
GOTERM_BP_ALL	response to biotic stimulus	62	NM_003810, NM_006332, NM_001010850, NM_002432, NM_000700, NM_004559, NM_001175, NM_001511, NM_004048, NM_000636, NM_001024466, NM_205840, NM_000628, NM_002032, NM_006058, NM_001623, NM_004847, NM_002984, NM_207007, NM_181652, NM_004633, NM_004267, NM_005474, NM_173842, NM_002468, NM_002029, NM_004107, NM_153292, NM_001005611, NM_013416, NM_006263, NM_016219, NM_005516, NM_005267, NM_013230, NM_001002235, NM_002964, NM_003900, NM_002800, NM_005252, NM_000200, NM_000312, NM_152879, NM_000433, NM_020529, NM_002983, NM_005194, NM_003790, NM_003824, NM_003641, NM_002965, XM_084845, NM_005745, NM_194447, NM_003332, NM_000211, NM_016389, NM_005849, NM_001085, NM_002341, NM_000576, NM_020530, NM_018643, NM_001557, NM_000584,
GOTERM_BP_ALL	response to chemical stimulus	23	NM_002029, NM_006597, NM_001007553, NM_000581, NM_201397, NM_001005377, NM_003169, NM_001511, NM_000211, NM_007355, NM_016190, NM_000636, NM_001024466, NM_000200, NM_152879, NM_006096, NM_002983, NM_005345, NM_002524, NM_006788, NM_002984, NM_207007, NM_000160, NM_181652, NM_001557, NM_000584,

GOTERM_BP_ALL	response to external stimulus	34	NM_002432, NM_000700, NM_001005377, NM_001511, NM_005252, NM_000636, NM_001024466, NM_000628, NM_000312, NM_000433, NM_002983, NM_020956, NM_001623, NM_004847, NM_006788, NM_005194, NM_002984, NM_207007, NM_181652, NM_004267, NM_173842, NM_005474, NM_002468, NM_002029, NM_002965, NM_021200, NM_153292, NM_003332, NM_000211, NM_000843, NM_001085, NM_000576, NM_002524, NM_000160, NM_001557, NM_000584, NM_002964,
GOTERM_BP_ALL	response to other organism	35	NM_002432, NM_000700, NM_004559, NM_001511, NM_005252, NM_000636, NM_001024466, NM_000200, NM_000628, NM_000433, NM_020529, NM_002983, NM_001623, NM_004847, NM_005194, NM_002984, NM_207007, NM_181652, NM_004267, NM_005474, NM_173842, NM_002468, NM_003824, NM_002029, NM_002965, NM_153292, NM_194447, NM_003332, NM_000211, NM_016389, NM_001085, NM_000576, NM_018643, NM_013230, NM_001002235, NM_001557, NM_000584, NM_002964,
GOTERM_BP_ALL	response to pest, pathogen or parasite	34	NM_002432, NM_000700, NM_004559, NM_001511, NM_005252, NM_000636, NM_001024466, NM_000628, NM_000433, NM_020529, NM_002983, NM_001623, NM_004847, NM_005194, NM_002984, NM_207007, NM_181652, NM_004267, NM_005474, NM_173842, NM_002468, NM_003824, NM_002029, NM_002965, NM_153292, NM_194447, NM_003332, NM_000211, NM_016389, NM_001085, NM_000576, NM_018643, NM_013230, NM_001002235, NM_001557, NM_000584, NM_002964,
GOTERM_BP_ALL	response to stress	62	NM_002432, NM_000700, NM_001007553, NM_004559, NM_173176, NM_001511, NM_016190, NM_032409, NM_000636, NM_001024466, NM_000628, NM_001623, NM_004847, NM_002984, NM_207007, NM_181652, NM_004267, NM_005484, NM_005474, NM_173842, NM_002468, NM_002029, NM_002969, NM_006597, NM_153292, NM_013233, NM_013230, NM_001002235, NM_006763, NM_002964, NM_003900, NM_006384, NM_001641, NM_139062, NM_001005377, NM_018282, NM_001015052, NM_005252, NM_005801, NM_000312, NM_000433, NM_020529, NM_002983, NM_005194, NM_014445, NM_005923, NM_012235, NM_003824, NM_015675, NM_001675, NM_002965, NM_000581, NM_201397, NM_194447, NM_003332, NM_000211, NM_007355, NM_016389, NM_001085, NM_005345, NM_001280, NM_000576, NM_018643, NM_002691, NM_001557, NM_000584,

GOTERM_BP_ALL	response to wounding	28	NM_002432, NM_000700, NM_001005377, NM_001511, NM_005252, NM_000636, NM_001024466, NM_000628, NM_000312, NM_000433, NM_002983, NM_001623, NM_004847, NM_005194, NM_002984, NM_207007, NM_181652, NM_004267, NM_005474, NM_173842, NM_002468, NM_002029, NM_002965, NM_153292, NM_003332, NM_000211, NM_001085, NM_000576, NM_001557, NM_000584, NM_002964,
GOTERM_BP_ALL	Rho protein signal transduction	6	NM_005507, NM_001664, NM_002314, NM_198829, NM_001665, NM_001175,
GOTERM_CC_ALL	ribonucleoprotein complex	94	XM_371853, NM_031844, NM_014469, NM_001014, NM_001023, NM_001000, NM_001004, XM_927103, NM_001012321, NM_001007, NM_000999, NM_015414, NM_001028, NM_001025071, NM_005617, NM_001033853, NM_000970, NM_001024662, NM_000972, NM_003908, XM_371023, NM_201998, NM_170738, NM_014180, NM_000973, NM_000985, XM_372048, NM_001006, NM_001032, NM_001026, XM_208185, NM_001997, XM_371019, NM_033251, NM_022551, NM_000978, NM_003333, NM_000975, NM_000989, NM_022118, NM_001011, NM_001031, NM_007104, NM_001001, NM_002136, NM_000981, NM_001012, NM_000986, XM_496442, NM_002954, NM_001025204, NM_000980, NM_001641, NM_001436, NM_002948, NM_005968, NM_000992, NM_000983, XM_495839, NM_000661, NM_001035267, NM_001024, NM_000998, NM_000969, XM_015717, NM_001030009, NM_014445, NM_000968, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_012423, NM_003973, NM_000984, NM_001017, NM_000990, NM_002952, NM_021029, NM_001020, NM_001009, XM_370611, NM_000994, NM_016389, NM_001005, NM_194247, NM_003091, NM_000996, NM_001015, NM_016732, NM_031266, NM_006013, NM_001025, NM_000976,
GOTERM_BP_ALL	ribonucleoside triphosphate biosynthesis	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	ribonucleoside triphosphate metabolism	13	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_003987, NM_001001977, NM_001002258,
GOTERM_BP_ALL	ribonucleotide biosynthesis	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,
GOTERM_BP_ALL	ribonucleotide metabolism	14	NM_007100, NM_006476, NM_006356, NM_001002031, NM_001686, NM_001693, NM_001694, NM_001001937, NM_002512, NM_001685, NM_001001977, NM_003987, NM_001002258, NM_012393,

GOTERM_CC_ALL	ribosome	82	XM_371853, NM_001014, NM_001023, NM_001000, NM_001004, XM_927103, NM_001012321, NM_001007, NM_000999, NM_015414, NM_001028, NM_001025071, NM_005617, NM_001033853, NM_000970, NM_001024662, NM_000972, NM_003908, XM_371023, NM_201998, NM_170738, NM_014180, NM_000973, NM_000985, XM_372048, NM_001006, NM_001032, XM_208185, NM_001026, NM_001997, XM_371019, NM_033251, NM_022551, NM_000978, NM_003333, NM_000975, NM_000989, NM_001011, NM_001031, NM_007104, NM_001001, NM_000981, NM_001012, NM_000986, XM_496442, NM_002954, NM_000980, NM_001641, NM_002948, NM_000992, NM_000983, XM_495839, NM_000661, NM_001035267, NM_001024, NM_000998, NM_000969, XM_015717, NM_001030009, NM_014445, NM_000968, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_012423, NM_003973, NM_000984, NM_001017, NM_000990, NM_002952, NM_001020, NM_021029, NM_001009, XM_370611, NM_000994, NM_001005, NM_000996, NM_001015, NM_006013, NM_001025, NM_000976,
GOTERM_MF_ALL	RNA binding	68	NM_013286, NM_001010850, NM_031844, NM_001014, NM_006489, NM_001007553, NM_004559, NM_003487, NM_001004, NM_001007, NM_005131, NM_002568, NM_000970, NM_001024662, NM_001033853, NM_003908, NM_201998, NM_000973, NM_000985, NM_033251, XM_371019, NM_022551, NM_001357, NM_003333, NM_006397, NM_014884, NM_000975, NM_003407, NM_005381, NM_002136, NM_000981, NM_001025204, NM_001039465, NM_000980, NM_017722, NM_001436, NM_005968, NM_024045, NM_000992, NM_000983, NM_000661, NM_002486, NM_004643, NM_000969, NM_013293, NM_000968, NM_001002, NM_000971, NM_033625, NM_001022, NM_003973, NM_030979, NM_000984, NM_000990, NM_002952, NM_001009, NM_019001, NM_001402, NM_001005, NM_004593, NM_194247, NM_003091, NM_001280, NM_000996, NM_001015, NM_016732, NM_031266, NM_000976, NM_001967,
GOTERM_BP_ALL	RNA metabolism	27	NM_031844, NM_001039465, NM_006489, NM_017722, NM_001436, NM_018282, NM_005131, NM_018694, NM_002568, NM_004643, NM_002486, NM_201998, NM_013293, NM_025150, NM_030979, NM_006397, NM_014884, NM_016389, NM_004593, NM_003407, NM_005345, NM_003091, NM_002136, NM_030919, NM_031266, NM_001007229, NM_001025204,
GOTERM_MF_ALL	RNA polymerase II transcription factor activity	13	NM_001675, NM_001037637, NM_002229, NM_014213, NM_001452, NM_003487, NM_021005, NM_138714, NM_005252, NM_005121, NM_201998, NM_015859, NM_012482,

GOTERM_BP_ALL	RNA processing	20	NM_001039465, NM_031844, NM_006489, NM_017722, NM_001436, NM_018282, NM_005131, NM_018694, NM_016389, NM_014884, NM_004593, NM_002568, NM_003091, NM_002486, NM_004643, NM_201998, NM_013293, NM_002136, NM_001007229, NM_001025204,
GOTERM_BP_ALL	RNA splicing	13	NM_001039465, NM_006489, NM_018282, NM_005131, NM_018694, NM_014884, NM_016389, NM_004593, NM_003091, NM_002486, NM_201998, NM_013293, NM_001025204,
GOTERM_BP_ALL	RNA splicing, via transesterification reactions	9	NM_014884, NM_004593, NM_001039465, NM_003091, NM_018282, NM_201998, NM_013293, NM_005131, NM_001025204,
GOTERM_BP_ALL	RNA splicing, via transesterification reactions with bulged adenosine as nucleophile	9	NM_014884, NM_004593, NM_001039465, NM_003091, NM_018282, NM_201998, NM_013293, NM_005131, NM_001025204,
GOTERM_MF_ALL	rRNA binding	6	NM_000975, NM_000984, NM_000969, NM_022551, NM_001015, NM_000973,
GOTERM_BP_ALL	second-messenger-mediated signaling	10	NM_002029, NM_152879, NM_032246, NM_199040, NM_000160, NM_001557, NM_000584, NM_006098, NM_001114, NM_201533,
GOTERM_BP_ALL	secretion	12	NM_002983, NM_001009181, NM_001024226, NM_001014797, NM_003569, NM_004781, NM_198398, NM_022080, NM_005745, NM_003761, NM_014723, NM_001662,
GOTERM_BP_ALL	secretory pathway	11	NM_002983, NM_001024226, NM_001014797, NM_003569, NM_004781, NM_198398, NM_022080, NM_005745, NM_003761, NM_014723, NM_001662,
GOTERM_MF_ALL	sequence-specific DNA binding	22	NM_002229, NM_001675, NM_014213, NM_023067, NM_001452, NM_002146, NM_017420, NM_005413, NM_005938, NM_000044, NM_021005, NM_005252, NM_001426, NM_002585, NM_007317, NM_005194, NM_003927, NM_002971, NM_033267, NM_024016, NM_022117, NM_018942,
GOTERM_MF_ALL	serine-type endopeptidase inhibitor activity	8	NM_003064, NM_030666, NM_201413, NM_001085, NM_181642, NM_002567, NM_002638, NM_001002235,
GOTERM_BP_ALL	small GTPase mediated signal transduction	19	NM_005507, NM_021205, NM_198829, NM_001024226, NM_001175, NM_001662, NM_002314, NM_001664, NM_001031677, NM_006270, NM_002524, NM_138769, NM_021033, NM_001665, NM_021168, NM_002872, NM_003624, NM_183235, NM_006822,
GOTERM_CC_ALL	small ribosomal subunit	10	XM_372048, NM_001005, NM_001014, NM_001022, NM_001023, NM_002952, NM_001012321, NM_001025, NM_001009, XM_496442,
GOTERM_MF_ALL	sodium ion transporter activity	5	NM_002491, NM_021074, NM_004549, NM_002489, NM_004541,
GOTERM_CC_ALL	spliceosome complex	5	NM_016389, NM_003091, NM_022118, NM_201998, NM_001025204,
GOTERM_BP_ALL	stress-activated protein kinase signaling pathway	5	NM_033141, NM_212492, NM_005923, NM_015133, NM_005456,
GOTERM_BP_ALL	striated muscle development	5	NM_002969, NM_012238, NM_021019, NM_079423, NM_003333, NM_005474,

GOTERM_MF_ALL	structural constituent of cytoskeleton	15	NM_005554, NM_000424, NM_002272, NM_199187, NM_000526, NM_002705, NM_000226, NM_005720, NM_001101, NM_001614, NM_005555, NM_005731, NM_152862, NM_004389, NM_004924, NM_002274, NM_153490, NM_002276, NM_003458,
GOTERM_MF_ALL	structural constituent of ribosome	78	XM_371853, NM_001014, NM_001023, NM_001000, NM_001004, XM_927103, NM_001012321, NM_001007, NM_000999, NM_015414, NM_002953, NM_001025071, NM_005617, NM_001033853, NM_000970, NM_001024662, NM_000972, XM_371023, NM_170738, NM_014180, NM_000973, NM_000985, XM_372048, NM_001006, NM_001032, XM_208185, NM_001026, NM_001997, XM_371019, NM_033251, NM_022551, NM_000978, NM_003333, NM_000975, NM_000989, NM_001011, NM_001031, NM_007104, NM_001001, NM_000981, NM_001012, NM_000986, XM_496442, NM_002954, NM_000980, NM_002948, NM_000992, NM_000983, XM_495839, NM_000661, NM_001035267, NM_001024, NM_000998, NM_000969, XM_015717, NM_001030009, NM_000968, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_012423, NM_003973, NM_000984, NM_001017, NM_000990, NM_002952, NM_001020, NM_021029, NM_001009, XM_370611, NM_000994, NM_001005, NM_000996, NM_001015, NM_006013, NM_001025, NM_000976,
GOTERM_MF_ALL	structural molecule activity	120	XM_371853, NM_001023, XM_927103, NM_000999, NM_001023071, NM_005617, NM_002953, NM_000972, NM_005988, NM_170738, NM_001006, XM_372048, NM_000424, NM_002272, NM_000985, NM_199187, NM_001032, NM_001026, NM_001997, XM_371019, NM_152888, NM_000978, NM_000975, NM_002284, NM_000989, NM_004693, NM_007104, NM_000981, NM_001012, NM_005721, NM_005416, NM_002954, NM_000526, NM_003125, NM_000226, NM_005720, NM_001101, NM_001614, NM_002948, NM_000983, NM_057088, NM_006617, NM_000998, NM_002274, NM_153490, NM_000969, XM_015717, NM_002276, NM_001853, NM_006009, XM_293412, NM_000988, NM_001002, NM_000971, NM_033625, NM_001022, NM_000984, NM_001017, NM_001017418, NM_006945, NM_002952, NM_021029, NM_001009, NM_000994, XM_370611, NM_001005, NM_173086, NM_006088, NM_000996, NM_001015, NM_001025, NM_000976, NM_001014, NM_006082, NM_001000, NM_021046, NM_000421, NM_005555, NM_001004, NM_001012321, NM_001007, NM_015414, NM_003247, NM_000970, NM_001024662, NM_005987, NM_001033853, XM_371023, NM_014180, NM_000973, NM_005554, XM_208185, NM_033251, NM_022551, NM_003333, NM_005731, NM_152862, NM_173352, NM_004389, NM_001011, NM_001031, NM_001001, XM_496442, NM_000986, NM_207303, NM_000980, NM_006181, NM_000992, XM_495839, NM_000661, NM_001035267, NM_001024,

GOTERM_BP_ALL	system development	27	NM_007308, NM_032108, NM_005634, NM_014279, NM_003108, NM_006181, NM_001511, NM_000044, NM_206887, NM_205840, NM_057091, NM_002585, NM_006617, NM_020956, NM_003025, NM_003656, NM_014548, NM_003987, NM_004114, NM_005413, NM_023035, NM_000263, NM_021999, NM_003333, NM_021074, NM_002314, NM_014496,
GOTERM_BP_ALL	taxis	10	NM_002029, NM_002983, NM_002524, NM_006788, NM_001005377, NM_002984, NM_207007, NM_001511, NM_001557, NM_000584, NM_000211,
GOTERM_BP_ALL	tissue development	19	NM_005554, NM_000526, NM_000424, NM_002272, NM_003125, NM_004475, NM_002705, NM_000226, NM_001009181, NM_001005611, NM_000421, NM_005555, NM_001017418, NM_006945, NM_003245, NM_002959, NM_000200, NM_002274, NM_153490, NM_005987, NM_005988, NM_005416,
GOTERM_BP_ALL	tissue morphogenesis	7	NM_003125, NM_002705, NM_005987, NM_005988, NM_001017418, NM_006945, NM_003245, NM_005416,
GOTERM_MF_ALL	transcription cofactor activity	12	NM_002229, NM_002357, NM_001641, NM_005121, NM_001452, NM_014517, NM_015859, NM_201998, NM_005437, NM_021005, NM_006312, NM_145897,
GOTERM_MF_ALL	transcription corepressor activity	8	NM_002229, NM_002357, NM_001641, NM_014517, NM_201998, NM_021005, NM_006312, NM_145897,
GOTERM_MF_ALL	transcription factor binding	14	NM_002229, NM_001641, NM_001452, NM_014517, NM_021005, NM_002357, NM_020529, NM_005121, NM_201998, NM_015859, NM_005437, NM_006312, NM_145897, NM_005474,
GOTERM_CC_ALL	transcription factor complex	7	NM_016389, NM_001452, NM_003487, NM_001101, NM_001614, NM_015859, NM_018171, NM_005474,
GOTERM_BP_ALL	transcription from RNA polymerase II promoter	26	NM_003900, NM_001037637, NM_002229, NM_001641, NM_020183, NM_001452, NM_005206, NM_004559, NM_001005273, NM_021005, NM_138714, NM_005252, NM_000636, NM_001024466, NM_002585, NM_005121, NM_005194, NM_003987, NM_001675, NM_014517, NM_001261, NM_005938, NM_003169, NM_001271, NM_015859, NM_012482, NM_212472,
GOTERM_BP_ALL	translation	17	NM_001004, NM_001037663, NM_001012321, NM_024996, NM_001404, NM_005801, NM_001402, XM_058967, NM_013234, NM_152269, NM_002568, NM_003753, NM_003908, NM_030919, NM_001967, NM_025150, NM_001002,
GOTERM_MF_ALL	translation elongation factor activity	6	XM_058967, NM_001037663, NM_172027, NM_024996, NM_001404, NM_001402,
GOTERM_MF_ALL	translation factor activity, nucleic acid binding	15	NM_001037663, NM_018429, NM_024996, NM_001404, NM_005801, NM_001402, XM_058967, NM_013234, NM_152269, NM_002568, NM_003753, NM_003908, NM_172027, NM_001967, NM_017629,

GOTERM_MF_ALL	translation initiation factor activity	7	NM_013234, NM_003753, NM_003908, NM_018429, NM_001967, NM_005801, NM_017629,
GOTERM_MF_ALL	translation regulator activity	15	NM_001037663, NM_018429, NM_024996, NM_001404, NM_005801, NM_001402, XM_058967, NM_013234, NM_152269, NM_002568, NM_003753, NM_003908, NM_172027, NM_001967, NM_017629,
GOTERM_BP_ALL	translational elongation	7	XM_058967, NM_001004, NM_001037663, NM_024996, NM_001404, NM_001402, NM_001002,
GOTERM_BP_ALL	translational initiation	5	NM_013234, NM_003753, NM_003908, NM_001967, NM_005801,
GOTERM_BP_ALL	transport	135	NM_052492, NM_178526, NM_022822, NM_000470, NM_000044, NM_005487, NM_005131, NM_152313, NM_002491, NM_002032, NM_201413, NM_001694, NM_002556, NM_006788, NM_007317, NM_005072, NM_025150, NM_207127, NM_007100, NM_001636, NM_013416, NM_199040, NM_145283, NM_152888, NM_152868, NM_138813, NM_000978, NM_004519, NM_000288, NM_001288, NM_001001937, NM_003329, NM_002136, NM_005858, NM_004227, NM_015133, NM_014453, NM_033323, NM_001014797, NM_033223, NM_001002031, NM_004781, NM_178867, NM_017657, NM_001693, NM_001662, NM_019849, NM_000786, NM_020529, NM_002486, NM_006305, NM_001685, NM_001853, NM_006009, NM_020548, NM_213601, NM_007347, NM_023035, NM_005745, NM_006088, NM_003777, NM_031431, NM_001002258, NM_183235, NM_006822, NM_005456, NM_006082, NM_198829, NM_001024226, NM_004255, NM_198398, NM_001686, NM_001863, NM_052859, NM_001031677, NM_005817, NM_001017998, NM_176812, NM_000146, NM_004366, NM_153292, NM_001005611, NM_018593, NM_006356, NM_181836, NM_014402, NM_000918, NM_002635, NM_004976, NM_021074, NM_016226, NM_001664, NM_000238, NM_005267, NM_001494, NM_025072, NM_031212, NM_021168, NM_003624, NM_003761, NM_030777, NM_016518, NM_003900, NM_014861, NM_004549, NM_004074, NM_005932, NM_000018, NM_003003, NM_145648, NM_006294,

GOTERM_MF_ALL	transporter activity	75	NM_006476, NM_004255, NM_001686, NM_001863, NM_052859, NM_005576, NM_152313, NM_002491, NM_001694, NM_005072, NM_181652, NM_025150, NM_004366, NM_007100, NM_153292, NM_001636, NM_013416, NM_018593, NM_145283, NM_006356, NM_000918, NM_152868, NM_014402, NM_002635, NM_138813, NM_004976, NM_004519, NM_021074, NM_001288, NM_000238, NM_005267, NM_002489, NM_001001937, NM_025072, NM_003329, NM_005858, NM_030777, NM_004074, NM_014861, NM_004549, NM_003003, NM_145648, NM_006294, NM_033323, NM_001002031, NM_001014797, NM_033223, NM_001646, NM_022080, NM_178867, NM_001693, NM_021960, NM_001865, NM_019849, NM_000433, NM_001685, NM_001001977, NM_000702, NM_138454, NM_004374, NM_023035, NM_000352, NM_003569, NM_002959, NM_001426, NM_004174, NM_032591, NM_016321, NM_005714, NM_004541, NM_015353, NM_000126, NM_032513, NM_004069, NM_001002258,
GOTERM_MF_ALL	unfolded protein binding	13	NM_004323, NM_006597, NM_004607, NM_005347, NM_145046, NM_007355, NM_003021, NM_005345, NM_021130, NM_001017998, NM_006088, NM_145897, NM_012235,
GOTERM_BP_ALL	vasculature development	5	NM_006291, NM_031917, NM_014780, NM_000584, NM_005560,
GOTERM_BP_ALL	vesicle-mediated transport	22	NM_003900, NM_032452, NM_198829, NM_001024226, NM_007347, NM_004781, NM_003569, NM_198398, NM_005487, NM_022080, NM_005745, NM_014723, NM_001662, NM_002959, NM_201413, NM_002983, NM_005817, NM_004069, NM_004227, NM_003761, NM_015133, NM_005456,
GOTERM_BP_ALL	viral genome replication	7	NM_006058, NM_002983, NM_021130, NM_014517, NM_002984, NM_207007, NM_003169, NM_000584,
GOTERM_BP_ALL	viral infectious cycle	7	NM_006058, NM_002983, NM_021130, NM_014517, NM_002984, NM_207007, NM_003169, NM_000584,
GOTERM_BP_ALL	viral life cycle	7	NM_006058, NM_002983, NM_021130, NM_014517, NM_002984, NM_207007, NM_003169, NM_000584,
GOTERM_MF_ALL	voltage-gated ion channel activity	11	NM_001288, NM_000238, NM_005714, NM_015353, NM_023035, NM_001014797, NM_152868, NM_004976, NM_004519, NM_001426, NM_004366,