Plate	Row	Column	Name	Sequence (5' - 3')
CNA1001L	A	1	CG1017	TAATACGACTCACTATAGGGATCACTTCGATAAGACCATTCTGC
CNA1001L	A	2	CG1100	TAATACGACTCACTATAGGGGCGAGGAGTATCTTTCTAAACTGG
CNA1001L	A	3	CG33232	TAATACGACTCACTATAGGGGAGGTCTACCTTAATGCGGAGG
CNA1001L	A	4	CG1250	TAATACGACTCACTATAGGGAGCCTCTTAAAGACTCATCTCGC
CNA1001L	A	5	CG1311	TAATACGACTCACTATAGGGATCATCAATGGCTACGATTCC
CNA1001L	A	8	CG1371	TAATACGACTCACTATAGGGATGAATACCTACCGCGAATACC
CNA1001L	A	9	CG1528*	TAATACGACTCACTATAGGGTAAGTAGCAAGCTAGCACCTGG
CNA1001L	A	10	CG1542	TAATACGACTCACTATAGGGGGCGGCAAGAAGAAGGG
CNA1001L	A	11	CG1749	TAATACGACTCACTATAGGGTAACAATTAACAATTGCTGGCG
CNA1001L	A	12	CG1776*	TAATACGACTCACTATAGGGTATATAGATCATATTGCTGCGTCG
CNA1001L	B	1	CG1819	TAATACGACTCACTATAGGGTGATCTGAAGTATCATCGTGGC
CNA1001L	B	2	CG1924	TAATACGACTCACTATAGGGCAGCTATATGCTCTTCTTGGTGG
CNA1001L	B	3	CG3004	TAATACGACTCACTATAGGGACTAGTAGGCCAATCTTTGGGG
CNA1001L	B	4	CG3085	TAATACGACTCACTATAGGGTCCAAGTCCTTCGAGAAGATCG
CNA1001L	B	5	CG3222	TAATACGACTCACTATAGGGAAGGATCAAATGGAGTTCAAGC
CNA1001L	B	6	CG3267	TAATACGACTCACTATAGGGAAACGGAGCTAAGATGGTAACG
CNA1001L	B	7	CG3285	TAATACGACTCACTATAGGGGTCTCCACCTTTGTGGTGATCC
CNA1001L	B	8	CG3308	TAATACGACTCACTATAGGGACGTAATGACGTCTAAAAGGGG
CNA1001L	B	9	CG3328	TAATACGACTCACTATAGGGTCCAGCGAGAGCTAATCTATCC
CNA1001L	B	10	CG3350	TAATACGACTCACTATAGGGAAATGACGCATTTAATGTTTGTACG
CNA1001L	B	11	CG3403*	TAATACGACTCACTATAGGGTAGGGAAGTACTTGTTGCTGTTTAGC
CNA1001L	C	4	CG3983*	TAATACGACTCACTATAGGGGTAGACTGGGATCAACCTTCTCC
CNA1001L	C	5	CG4049	TAATACGACTCACTATAGGGATCGTCCGACTCGTTTAAATCC
CNA1001L	C	6	CG4374	TAATACGACTCACTATAGGGCCGAGTACTTATCCTTGAATCCC
CNA1001L	C	7	CG4532	TAATACGACTCACTATAGGGTCGAGTAGCATAACCCATAGGC
CNA1001L	C	8	CG4643*	TAATACGACTCACTATAGGGGTAATTTTACTTGCACAATCAGCG
CNA1001L	C	9	CG4677	TAATACGACTCACTATAGGGAATTCAGGAACGTTTCTTTTGG
CNA1001L	C	10	CG32778*	TAATACGACTCACTATAGGGCTATCATTATCTGCCCCAAACC
CNA1001L	C	11	CG5127*	TAATACGACTCACTATAGGGTGCTCTCAAATCTACCTCTGCC
CNA1001L	C	12	CG5193	TAATACGACTCACTATAGGGACAACAAGGTGTGCTGCTACG
CNA1001L	D	1	CG5252	TAATACGACTCACTATAGGGCTCACTCGTTACGTGGAGAACC
CNA1001L	D	2	CG5344	TAATACGACTCACTATAGGGGTGGCAATTATTACGAGTGTGC
CNA1001L	D	3	CG5514	TAATACGACTCACTATAGGGAAAAGCTGAGGCAGCTATAACG
CNA1001L	D	4	CG6619*	TAATACGACTCACTATAGGGTACGGTTACCTTGACACTGTGG
CNA1001L	D	5	CG6672*	TAATACGACTCACTATAGGGCATTGTCCAAGGTGATGGC
CNA1001L	D	6	CG6928	TAATACGACTCACTATAGGGGGTATTATATACGCCATGCTGGG
CNA1001L	D	7	CG6962	TAATACGACTCACTATAGGGAAAATTTCAAACTAGGAAAACAATGC
CNA1001L	D	8	CG6969*	TAATACGACTCACTATAGGGGCTTTATCAACGGATCTCTTCG
CNA1001L	D	9	CG6983	TAATACGACTCACTATAGGGATTTTTACGTTACGAGCACTTCG
CNA1001L	E	2	CG7274	TAATACGACTCACTATAGGGACAAGTATATGGATGATCGGGG
CNA1001L	E	3	CG7324	TAATACGACTCACTATAGGGACCTGTACAAGAGAGTCTTCCCC
CNA1001L	E	4	CG7356*	TAATACGACTCACTATAGGGATACGAGTCACTTCTATGCGGC
CNA1001L	E	5	CG7398	TAATACGACTCACTATAGGGAAACTAAATGATATTGCGGGTCC

CNA1001L	E	6	CG7430*	TAATACGACTCACTATAGGGGGCATGAAGACGGTCAGC
CNA1001L	E	9	CG33090	TAATACGACTCACTATAGGGTTTTGAGGCTGAATGTGTAACG
CNA1001L	E	10	CG7656	TAATACGACTCACTATAGGGCCTGAACTCTTAATTGCTTGCC
CNA1001L	F	3	CG32742	TAATACGACTCACTATAGGGTCGAGATTAATCCCCATAAACG
CNA1001L	F	4	CG8801*	TAATACGACTCACTATAGGGTAGTTTATACAGAGGAGCAGGCG
CNA1001L	F	7	CG9170	TAATACGACTCACTATAGGGTAATTTTGGTGCATCAGTGTCC
CNA1001L	F	8	CG9630	TAATACGACTCACTATAGGGTTGGTGTATGCTCTAACATGGG
CNA1001L	F	9	CG10104	TAATACGACTCACTATAGGGGATAGCATTATGTGGCTGCTCG
CNA1001L	F	10	CG10228	TAATACGACTCACTATAGGGATGTTTAAGCTCTCAAGTGCGG
CNA1001L	F	11	CG10233	TAATACGACTCACTATAGGGACTAGCATTTCCTCTTACTCCCC
CNA1001L	F	12	CG31999	TAATACGACTCACTATAGGGGTATCCAGAGTTACAAGTGCATCG
CNA1001L	G	1	CG10522	TAATACGACTCACTATAGGGACTTATCCGAGCTAACAATGGC
CNA1001L	G	2	CG10561	TAATACGACTCACTATAGGGGCGGATACTACGAGGAGATCG
CNA1001L	G	5	CG10585	TAATACGACTCACTATAGGGGTTCCCATCCCTAAGAGTGACC
CNA1001L	G	6	CG10617	TAATACGACTCACTATAGGGCCTAGCTACCCATATTTGAGCG
CNA1001L	G	8	CG10805	TAATACGACTCACTATAGGGCTATCATTGCCTACCGAAGAGC
CNA1001L	G	9	CG32113*	TAATACGACTCACTATAGGGGAAGACGTGTCACTGCTACTGG
CNA1001L	G	10	CG11023*	TAATACGACTCACTATAGGGACCCACGTTTGAACAAGTATCG
CNA1001L	G	11	CG11098	TAATACGACTCACTATAGGGCAACAGTTAACCCTACCGAACC
CNA1001L	H	1	CG11426	TAATACGACTCACTATAGGGAAAATAGGCCATAAACACTCTGC
CNA1001L	H	2	CG11696	TAATACGACTCACTATAGGGACGACTGGGTGAGAAAGTACTCG
CNA1001L	H	9	CG11982	TAATACGACTCACTATAGGGGGACTAGACACCATTGTCACCC
CNA1001L	H	10	CG11990	TAATACGACTCACTATAGGGAAGCCCGATTTACGATATTAACC
CNA1001L	H	11	CG12311	TAATACGACTCACTATAGGGGTTGATTTGGTGGAGTAATCTGG
CNA1001L	H	12	CG12717*	TAATACGACTCACTATAGGGGCAGTGTATAGTCGTTGATGGG
CNA1001R	A	1	CG1017	TAATACGACTCACTATAGGGTTTGGTTCCATCATAACTGTGG
CNA1001R	A	2	CG1100	TAATACGACTCACTATAGGGATCGAAATGTTGATGGTTAGGG
CNA1001R	A	3	CG33232	TAATACGACTCACTATAGGGAGTACATAGGGATATGCGCACG
CNA1001R	A	4	CG1250	TAATACGACTCACTATAGGGATATTGAATAGGCGGTAGGTCG
CNA1001R	A	5	CG1311	TAATACGACTCACTATAGGGTCTCATGAACGGGAAAACTGG
CNA1001R	A	8	CG1371	TAATACGACTCACTATAGGGCTAAAGCAAGACTGAACCCTGG
CNA1001R	A	9	CG1528	TAATACGACTCACTATAGGGCACGTCCTTAGATTGGAAGAGC
CNA1001R	A	10	CG1542	TAATACGACTCACTATAGGGATTCTATACGGAGTATTCCACATTTCG
CNA1001R	A	11	CG1749	TAATACGACTCACTATAGGGGTGTAAGCATGTCGGCGG
CNA1001R	A	12	CG1776	TAATACGACTCACTATAGGGACACAATAGCGAAATAGTGCCG
CNA1001R	B	1	CG1819	TAATACGACTCACTATAGGGGAAATTGCTTGGTGTAGAACTGC
CNA1001R	B	2	CG1924	TAATACGACTCACTATAGGGAATGGTAGACAACCCAGTGTGC
CNA1001R	B	3	CG3004	TAATACGACTCACTATAGGGCCCACTCTCGCTACATACTGC
CNA1001R	B	4	CG3085	TAATACGACTCACTATAGGGTCCGGCTTGTATGAGATATTGG
CNA1001R	B	5	CG3222	TAATACGACTCACTATAGGGTATATAAAGACATTGATCGGCGG
CNA1001R	B	6	CG3267	TAATACGACTCACTATAGGGGTTGTTTCGTAAGCTTTGAACG
CNA1001R	B	7	CG3285	TAATACGACTCACTATAGGGTGAGGAGTCGGCTTAAGTATCC
CNA1001R	B	8	CG3308	TAATACGACTCACTATAGGGTCCTAGAAAATGGTAAAGGAGCC

CNA1001R	B	9	CG3328	TAATACGACTCACTATAGGGTGTCGTAGTAGAGCATTTGGTCC
CNA1001R	B	10	CG3350	TAATACGACTCACTATAGGGGCCATTATGGAGGAAATGTTCG
CNA1001R	B	11	CG3403	TAATACGACTCACTATAGGGGTACATACAGCAGCTGATTAAGCG
CNA1001R	C	4	CG3983	TAATACGACTCACTATAGGGAAATTTCTAAAGAAGGGAGTGCC
CNA1001R	C	5	CG4049	TAATACGACTCACTATAGGGAACAAGAAACTCAGTATGGCGG
CNA1001R	C	6	CG4374	TAATACGACTCACTATAGGGGAAGTCAGTACCTCCACATCACC
CNA1001R	C	7	CG4532	TAATACGACTCACTATAGGGGCGAATACTTGTCTGTCAGTCG
CNA1001R	C	8	CG4643	TAATACGACTCACTATAGGGAAGCTCTATCCCACAGTATCCG
CNA1001R	C	9	CG4677	TAATACGACTCACTATAGGGGTATCTGACGGATGTCTACGAGC
CNA1001R	C	10	CG32778	TAATACGACTCACTATAGGGGGACTAGCAATGTTTGGACTAGC
CNA1001R	C	11	CG5127	TAATACGACTCACTATAGGGTACAAAGAGATTCCTGAGACGC
CNA1001R	C	12	CG5193	TAATACGACTCACTATAGGGTTAAAGGCTGATATGAGGGAGC
CNA1001R	D	1	CG5252	TAATACGACTCACTATAGGGCTTCGGGTATGACTACTGGACC
CNA1001R	D	2	CG5344	TAATACGACTCACTATAGGGGACCAGTCACAAAACTGATCTCC
CNA1001R	D	3	CG5514	TAATACGACTCACTATAGGGTGAACTTGAGGAGCTCTTATCG
CNA1001R	D	4	CG6619	TAATACGACTCACTATAGGGAACTTTGACCTACAATCTGGTGG
CNA1001R	D	5	CG6672	TAATACGACTCACTATAGGGAAGTTCTCCTACGGCTATGTGC
CNA1001R	D	6	CG6928	TAATACGACTCACTATAGGGTTTGTGTAGATTTCCGAACACG
CNA1001R	D	7	CG6962	TAATACGACTCACTATAGGGCAATTACAAGGATTCTACGTCCG
CNA1001R	D	8	CG6969	TAATACGACTCACTATAGGGCTCATTGTAGGTGATGTGTGCC
CNA1001R	D	9	CG6983	TAATACGACTCACTATAGGGTATTCAAGACCGTGTTATGTCCC
CNA1001R	E	2	CG7274	TAATACGACTCACTATAGGGGTCTCCTTTTCCATGCTATGCC
CNA1001R	E	3	CG7324	TAATACGACTCACTATAGGGCTAGAAGAGGAGCTTCGTCAGG
CNA1001R	E	4	CG7356	TAATACGACTCACTATAGGGACCGTACCCAATACCTTTAGGC
CNA1001R	E	5	CG7398	TAATACGACTCACTATAGGGTTGTTTTACCCGACGAGATACC
CNA1001R	E	6	CG7430	TAATACGACTCACTATAGGGGTCGGATTTCTTAACCTCCACC
CNA1001R	E	9	CG33090	TAATACGACTCACTATAGGGGACAACTCGGTCACATTTATTGC
CNA1001R	E	10	CG7656	TAATACGACTCACTATAGGGATCATACGAAAACAGGCACTGG
CNA1001R	F	3	CG32742	TAATACGACTCACTATAGGGAGGTAAGTAAATGTGGCCTAGTGG
CNA1001R	F	4	CG8801	TAATACGACTCACTATAGGGTGGACCTCAAGAAGAACTACAGC
CNA1001R	F	7	CG9170	TAATACGACTCACTATAGGGGAAACCTTCGGGTACAGTATCG
CNA1001R	F	8	CG9630	TAATACGACTCACTATAGGGCTGAGATCGAGTGGGTAGTGC
CNA1001R	F	9	CG10104	TAATACGACTCACTATAGGGCGAATATCACCTTGAATGTCTGC
CNA1001R	F	10	CG10228	TAATACGACTCACTATAGGGATAGTGCCACTCTTTCTGGACG
CNA1001R	F	11	CG10233	TAATACGACTCACTATAGGGCAGGGTCAAAGCCAGTACAGC
CNA1001R	F	12	CG31999	TAATACGACTCACTATAGGGAAAGACAGATTTGCCGTAATCG
CNA1001R	G	1	CG10522	TAATACGACTCACTATAGGGCTGGCTAAGGCTATAATGGTGG
CNA1001R	G	2	CG10561	TAATACGACTCACTATAGGGTAGTAGTCAATAATGCGTTGGGC
CNA1001R	G	5	CG10585	TAATACGACTCACTATAGGGAAAAGTGAAATCTTCGAGGTCC
CNA1001R	G	6	CG10617	TAATACGACTCACTATAGGGATATAACAGGCTCACTGGTCGC
CNA1001R	G	8	CG10805	TAATACGACTCACTATAGGGATGATCTTCTACGCTTTGGAGC
CNA1001R	G	9	CG32113	TAATACGACTCACTATAGGGAAATACTGGTGTCGATCTGTGG
CNA1001R	G	10	CG11023	TAATACGACTCACTATAGGGTGACCTCCGAGTTATCAGTAACC
CNA1001R	G	11	CG11098	TAATACGACTCACTATAGGGTCCTCCTTGATAGGTACTTCCG

CNA1001R	H	1	CG11426	TAATACGACTCACTATAGGGTACGGACTGATCTTCTGGTGC
CNA1001R	H	2	CG11696	TAATACGACTCACTATAGGGTATACATAAATCCCGACCAGGG
CNA1001R	H	9	CG11982	TAATACGACTCACTATAGGGCAAAGGTAAAGATGTTGTTGCG
CNA1001R	H	10	CG11990	TAATACGACTCACTATAGGGTTAACTACTAACTGCGTATTTGGGC
CNA1001R	H	11	CG12311	TAATACGACTCACTATAGGGAAATAGTGGTGGAAGTAGAGCACC
CNA1001R	H	12	CG12717	TAATACGACTCACTATAGGGTAGGACGCATATCTTTAGCACG
CNA1002L	A	1	CG12773	TAATACGACTCACTATAGGGTGTTGTCGTCTTAAATGCAAGG
CNA1002L	A	2	CG13096	TAATACGACTCACTATAGGGACAATGAGCAATGAGACTGACG
CNA1002L	A	3	CG13933	TAATACGACTCACTATAGGGTACATACCTACTGGGGTAGGCG
CNA1002L	A	4	CG13957	TAATACGACTCACTATAGGGTACATTGACTACCGGGTCAAGC
CNA1002L	A	7	CG14085	TAATACGACTCACTATAGGGAGAGAGTATCAACTTGGACACGG
CNA1002L	A	8	CG14213*	TAATACGACTCACTATAGGGGCTCAAGAACCTGGAACTCG
CNA1002L	A	9	CG14325	TAATACGACTCACTATAGGGGCGAGGACCGCAACTACC
CNA1002L	A	12	CG14480	TAATACGACTCACTATAGGGCTAGTTCAAATTTTCACGAGCC
CNA1002L	B	1	CG14527	TAATACGACTCACTATAGGGCTGATCGAACTTCTGACTGTCG
CNA1002L	B	2	CG14614	TAATACGACTCACTATAGGGTTGCTTAAGTCCATGGTTTTGC
CNA1002L	B	3	CG15769	TAATACGACTCACTATAGGGATTTTCCGAGTAGGTTTCGAGC
CNA1002L	B	4	CG15890	TAATACGACTCACTATAGGGTTAAGGTTCGAGAATAAAACGG
CNA1002L	B	5	CG16723	TAATACGACTCACTATAGGGATGGTGAAAATAGTCAGTCCATTCC
CNA1002L	B	7	CG16989	TAATACGACTCACTATAGGGGAGAGCGTCTGGTACTGATGG
CNA1002L	B	8	CG17010	TAATACGACTCACTATAGGGCCAAAAGTGACCTATGCTATTCG
CNA1002L	B	9	CG17075	TAATACGACTCACTATAGGGAGATTCTGGACTAGAAGTGCCG
CNA1002L	B	10	CG17137	TAATACGACTCACTATAGGGAAATTGAAATCGTTAAGTGATTGGC
CNA1002L	B	11	CG31722	TAATACGACTCACTATAGGGAGTTTCCACTCTCCTTGTACGC
CNA1002L	B	12	CG17249*	TAATACGACTCACTATAGGGCTTTGTTCTTAGCCCTGTCAGC
CNA1002L	C	1	CG17257	TAATACGACTCACTATAGGGTGTAAGCAAATTCGTTGTACTCC
CNA1002L	C	2	CG12002	TAATACGACTCACTATAGGGCGACAGTTGTGACTCGTATTCC
CNA1002L	C	3	CG17754	TAATACGACTCACTATAGGGGCCCAGTGCTACAGTTTAGTCC
CNA1002L	C	6	CG17806	TAATACGACTCACTATAGGGATGCCATATCTTATTAGGAAACAAGG
CNA1002L	C	7	CG17840	TAATACGACTCACTATAGGGATGACGGGTATGTTTTTCAAGG
CNA1002L	C	8	CG8948	TAATACGACTCACTATAGGGTTCAACATTCTACGTTTTCTTTGC
CNA1002L	C	9	CG18281	TAATACGACTCACTATAGGGCGACTGGGATTATTACTCCTGC
CNA1002L	C	10	CG18507	TAATACGACTCACTATAGGGCATCGATTCGGTCTTATTACGC
CNA1002L	C	11	CG18599*	TAATACGACTCACTATAGGGCTAAAGTTAACGGAGGCTCAGG
CNA1002L	D	3	CG15651	TAATACGACTCACTATAGGGATGATGAGAGCGTATTTGGTCC
CNA1002L	D	5	CG5887*	TAATACGACTCACTATAGGGTAACTACCATCACGTCTTCCCC
CNA1002L	D	7	CG31196	TAATACGACTCACTATAGGGAAGTAGACCCCAACGCAGG
CNA1002L	D	9	CG2219	TAATACGACTCACTATAGGGGGTTGTAAAGTTCGTTCAGTCC
CNA1002L	D	10	CG31992*	TAATACGACTCACTATAGGGGAGTTAGCAGTAACGCCAGAGG
CNA1002L	D	11	CG32791	TAATACGACTCACTATAGGGTCATAAACTCACACCCTGTTCG
CNA1002L	D	12	CG33080*	TAATACGACTCACTATAGGGGACCAGATCACTGCGATACTCC
CNA1002L	E	1	CG18155	TAATACGACTCACTATAGGGGATAGTGGCCTAATACCGGTGG
CNA1002L	E	2	CG32721*	TAATACGACTCACTATAGGGACTATATCCGATTGCTCGGTCG

CNA1002L	E	5	CG32529	TAATACGACTCACTATAGGGATACTGGGCCTCATATTGGTAGC
CNA1002L	E	6	CG11322*	TAATACGACTCACTATAGGGCCAATCGTACATCTCTGACTTCC
CNA1002L	E	9	CG6579	TAATACGACTCACTATAGGGACACGGCGATGAGGAGC
CNA1002L	E	10	CG5050	TAATACGACTCACTATAGGGGAAGTGGCAAACTATTCAGTAGGG
CNA1002L	F	1	CG13082*	TAATACGACTCACTATAGGGGAAGACTTTCACGCTTCTACCC
CNA1002L	F	2	CG30503*	TAATACGACTCACTATAGGGAGTCGTCTGCAAGCCCCTTCC
CNA1002L	F	3	CG1360	TAATACGACTCACTATAGGGGCAGCTATTTGCAGCAGTACG
CNA1002L	F	7	CG4744*	TAATACGACTCACTATAGGGCTGTTTGGTTTTAGGATCTCCG
CNA1002L	F	10	CG6329	TAATACGACTCACTATAGGGGGATGAACACCAATCTTTACGG
CNA1002L	F	11	CG8589	TAATACGACTCACTATAGGGCTTAATAGCTTCGACCTTGGCG
CNA1002L	G	2	CG15128*	TAATACGACTCACTATAGGGCATAAACTTGCGAACAATCTCG
CNA1002L	G	3	CG30273	TAATACGACTCACTATAGGGGTGTTGTGCCTGCCTGC
CNA1002L	G	5	CG3386	TAATACGACTCACTATAGGGCGAAAATCTTGCTTCTGTCTGC
CNA1002L	G	8	CG1240*	TAATACGACTCACTATAGGGAAATTCAGGCGGTTCTGAAGG
CNA1002L	G	11	CG17361	TAATACGACTCACTATAGGGTTTACGGATCGCATCAAGAGC
CNA1002L	G	12	CG8489*	TAATACGACTCACTATAGGGTCATGAATTTTTCGGTAGCC
CNA1002L	H	3	CG14330	TAATACGACTCACTATAGGGTCATAATAAAGCGTGTATGGGG
CNA1002L	H	5	CG7344	TAATACGACTCACTATAGGGGTTCATTACGCAAGAATGTGCC
CNA1002L	H	6	CG15498	TAATACGACTCACTATAGGGTTGACATGCTGAGAACAAACAGG
CNA1002L	H	7	CG5386	TAATACGACTCACTATAGGGGACTCCTCCATATTGTTGTGCC
CNA1002L	H	9	CG12558	TAATACGACTCACTATAGGGTCATAATATTAGCAGTCTCCCGAGG
CNA1002L	H	10	CG4558*	TAATACGACTCACTATAGGGCAATCTTGAGGATCTCTTTGGG
CNA1002L	H	12	CG7990	TAATACGACTCACTATAGGGAATATAGTCTGCAACCGGATCG
CNA1002R	A	1	CG12773	TAATACGACTCACTATAGGGTGAGGTCACGATGGTAGTATTCC
CNA1002R	A	2	CG13096	TAATACGACTCACTATAGGGAAGATCGATATCACGGGAACC
CNA1002R	A	3	CG13933	TAATACGACTCACTATAGGGTTCTACCTGACTATGCACCACG
CNA1002R	A	4	CG13957	TAATACGACTCACTATAGGGTAGATTGTATTCATGCTCGTAGGC
CNA1002R	A	7	CG14085	TAATACGACTCACTATAGGGTTGATGTTCTGACCCTGTATGC
CNA1002R	A	8	CG14213	TAATACGACTCACTATAGGGATTTATATCGTATCGTCTGCTCG
CNA1002R	A	9	CG14325	TAATACGACTCACTATAGGGCGGGTTGAAGGAAACTTATCTCC
CNA1002R	A	12	CG14480	TAATACGACTCACTATAGGGGAACTCCATGTCCTTCTTGTCC
CNA1002R	B	1	CG14527	TAATACGACTCACTATAGGGAACCTTAATGCTGTTCTCCAGC
CNA1002R	B	2	CG14614	TAATACGACTCACTATAGGGTGGATTAGTTCTGTCAACACGC
CNA1002R	B	3	CG15769	TAATACGACTCACTATAGGGGTGTGGAATATCAACCAGGATGG
CNA1002R	B	4	CG15890	TAATACGACTCACTATAGGGACGCAGATCCTATATCGACACC
CNA1002R	B	5	CG16723	TAATACGACTCACTATAGGGATGCATGGGGTTCTATTCCC
CNA1002R	B	7	CG16989	TAATACGACTCACTATAGGGAGGCGGTGTATACTCTCTCTCG
CNA1002R	B	8	CG17010	TAATACGACTCACTATAGGGTTTTTCTATTGCCCTCTCAAGC
CNA1002R	B	9	CG17075	TAATACGACTCACTATAGGGCACCTAGAAGTTCCCGTCTCC
CNA1002R	B	10	CG17137	TAATACGACTCACTATAGGGGTATCGAGGTAACCAAGGGAGC
CNA1002R	B	11	CG31722	TAATACGACTCACTATAGGGGGATACGGAACTTGTTCAGAAGG
CNA1002R	B	12	CG17249	TAATACGACTCACTATAGGGGTGTCCCTTCAGGAGTTAAAGC
CNA1002R	C	1	CG17257	TAATACGACTCACTATAGGGTGTGCAAACTAAGTCGAAGTCC

CNA1002R	C	2	CG12002	TAATACGACTCACTATAGGGACATACAATGGTTCGTCAATGG
CNA1002R	C	3	CG17754	TAATACGACTCACTATAGGGGAATCATGTCAGAACACAGACG
CNA1002R	C	6	CG17806	TAATACGACTCACTATAGGGTTCTTCAATAGAAGGAACGCCC
CNA1002R	C	7	CG17840	TAATACGACTCACTATAGGGTGCTGTAGTACCGACTGAGGG
CNA1002R	C	8	CG8948	TAATACGACTCACTATAGGGCAACTATTTCTTGCATTCGTCG
CNA1002R	C	9	CG18281	TAATACGACTCACTATAGGGATAGATCAATGGTGCCTTTTCG
CNA1002R	C	10	CG18507	TAATACGACTCACTATAGGGGTGTGGTTGTTGTTACTGTAGCG
CNA1002R	C	11	CG18599	TAATACGACTCACTATAGGGATCGTTACAGATGGACAAATCC
CNA1002R	D	3	CG15651	TAATACGACTCACTATAGGGAAATGAGTCCTTCAGTCAAGCC
CNA1002R	D	5	CG5887	TAATACGACTCACTATAGGGATTGATTTTCTGCTAAACCCTCC
CNA1002R	D	7	CG31196	TAATACGACTCACTATAGGGTTGCTTGCTGTTATCATGTTGC
CNA1002R	D	9	CG2219	TAATACGACTCACTATAGGGGGTGTTCCCGTTCTGATACTAGC
CNA1002R	D	10	CG31992	TAATACGACTCACTATAGGGGCACTTACCACAAACTCCTTCC
CNA1002R	D	11	CG32791	TAATACGACTCACTATAGGGTAGCCTAAGGTAAAATGGTTCCC
CNA1002R	D	12	CG33080	TAATACGACTCACTATAGGGGGATAATCCGGACACCTATGC
CNA1002R	E	1	CG18155	TAATACGACTCACTATAGGGGAATACCTAAGACAGCCACATCG
CNA1002R	E	2	CG32721	TAATACGACTCACTATAGGGGAAATTCTGCAGGAGAGAATCG
CNA1002R	E	5	CG32529	TAATACGACTCACTATAGGGGTCATCTCAATCGTCTGACAGC
CNA1002R	E	6	CG11322	TAATACGACTCACTATAGGGGAGCCAAGATTCTACTTCTGCG
CNA1002R	E	9	CG6579	TAATACGACTCACTATAGGGTAGTGACCCCAATGCGTGG
CNA1002R	E	10	CG5050	TAATACGACTCACTATAGGGGCACCATCTCTTTGAGTTCACG
CNA1002R	F	1	CG13082	TAATACGACTCACTATAGGGGTGGAAGGGCTTAATTAGCTGC
CNA1002R	F	2	CG30503	TAATACGACTCACTATAGGGGCAGGCACACGAGAATC
CNA1002R	F	3	CG1360	TAATACGACTCACTATAGGGATGGTAGTCACACAACCTGCG
CNA1002R	F	7	CG4744	TAATACGACTCACTATAGGGCCTATTAAATCCTTTGGAGCCC
CNA1002R	F	10	CG6329	TAATACGACTCACTATAGGGAGGGTACTTCCTTGGAAAATCG
CNA1002R	F	11	CG8589	TAATACGACTCACTATAGGGTAACTACGGATCATCTTTGTGTGG
CNA1002R	G	2	CG15128	TAATACGACTCACTATAGGGGATCAAAGATGTGACTGGTGAGG
CNA1002R	G	3	CG30273	TAATACGACTCACTATAGGGGTATTCTTATCAAGTAAAGCCAAAAGC
CNA1002R	G	5	CG3386	TAATACGACTCACTATAGGGGACGTCCACCACCTCAATTACC
CNA1002R	G	8	CG1240	TAATACGACTCACTATAGGGCTTCTTGACCACCTCGTAGTCC
CNA1002R	G	11	CG17361	TAATACGACTCACTATAGGGCTCCATATGTACTTTCATTATTAGTCGC
CNA1002R	G	12	CG8489	TAATACGACTCACTATAGGGTATTTGGTTTTCAACTTATTGTTTTCC
CNA1002R	H	3	CG14330	TAATACGACTCACTATAGGGACTGAGCAGATACTTTCTCGCC
CNA1002R	H	5	CG7344	TAATACGACTCACTATAGGGCTTAGGCTCGAGATATGGTTGC
CNA1002R	H	6	CG15498	TAATACGACTCACTATAGGGTTCACGCGGTTACCAATCG
CNA1002R	H	7	CG5386	TAATACGACTCACTATAGGGATTGTTGCACGAGTTACTGGG
CNA1002R	H	9	CG12558	TAATACGACTCACTATAGGGTTTCATAAAGGATTCGCATAACG
CNA1002R	H	10	CG4558	TAATACGACTCACTATAGGGTGACCAAGAGCTTATCTACTGCC
CNA1002R	H	12	CG7990	TAATACGACTCACTATAGGGGGTAATAACCCCGTATGTTCCC
CNA1003L	A	1	91H6#	TAATACGACTCACTATAGGGTGACTTTGGTCTTGAAATCTCG
CNA1003L	A	2	155G6-2#	TAATACGACTCACTATAGGGGTTCAAGATGGTTCCCAGCAACC
CNA1003L	A	4	93A7#	TAATACGACTCACTATAGGGTACTGCGAGTACTGCGTGTAGG

CNA1003L	A	6	93C5#	TAATACGACTCACTATAGGGGATTTGCCTGTCGTTAAATTCC
CNA1003L	A	8	93C12#	TAATACGACTCACTATAGGGGAAAATAAAGCTCAGCTGTCCG
CNA1003L	A	10	93E8#	TAATACGACTCACTATAGGGCTTCAATCCGATCTTCTCATCC
CNA1003L	A	12	93F11#*	TAATACGACTCACTATAGGGACTGTCATAGATGACGTTCTCCG
CNA1003L	B	2	93G6#	TAATACGACTCACTATAGGGACCTGAGTCATCATGTAACCCG
CNA1003L	B	4	93G11#	TAATACGACTCACTATAGGGTCCTTCTTATCGCTGTACTCGG
CNA1003L	B	7	93G12#	TAATACGACTCACTATAGGGATGACTTCCAAAGGTTCTGTTAGC
CNA1003L	B	9	94A12#	TAATACGACTCACTATAGGGCAGCAATCCAATTAACAGAGCC
CNA1003L	B	11	94H3#	TAATACGACTCACTATAGGGTCGCCAGCCTTGTCTACTACG
CNA1003L	C	1	150C12#	TAATACGACTCACTATAGGGAGAAACAGAACGGAACACAGC
CNA1003L	C	3	153E11#	TAATACGACTCACTATAGGGAATCAAATCGCAGCGGG
CNA1003L	C	5	153H12#	TAATACGACTCACTATAGGGTTTAAGCAGTCCAACTGGTCG
CNA1003L	C	7	154B7#	TAATACGACTCACTATAGGGAGCAGGACTTTGGCACAGG
CNA1003L	C	9	155G6-1#*	TAATACGACTCACTATAGGGATGGAACTTGTTGGTATATATTTG
CNA1003L	C	12	156H3#*	TAATACGACTCACTATAGGGATAGAACGTTAAGATCGAGGCG
CNA1003L	D	1	CG1319	TAATACGACTCACTATAGGGCAATGGGGACAAGATTAAGACG
CNA1003L	D	2	CG3603	TAATACGACTCACTATAGGGATGGTTATCTGCTCAAGATGCC
CNA1003L	D	4	CG3639	TAATACGACTCACTATAGGGGACTACTTTGGACTACGCCTGG
CNA1003L	D	5	CG7006	TAATACGACTCACTATAGGGCAGATGGAACATATTGCTTTCG
CNA1003L	D	6	CG7236*	TAATACGACTCACTATAGGGAGAATTACACGGACTACGTGGC
CNA1003L	D	7	CG7448	TAATACGACTCACTATAGGGATAATGGCCCTACTATTTCCCG
CNA1003L	D	9	CG7912	TAATACGACTCACTATAGGGCGTGTTTGTGTTATGTGACCG
CNA1003L	D	10	CG7993*	TAATACGACTCACTATAGGGATTATACTGGGCAGGATCTTCG
CNA1003L	D	11	CG9107	TAATACGACTCACTATAGGGATAAGTTATGGCATTGCTGTGG
CNA1003L	D	12	CG10584	TAATACGACTCACTATAGGGTGTATATCGTTTTGGGTCTCCC
CNA1003L	E	2	CG11761	TAATACGACTCACTATAGGGGAAGTAAACTATTCGGTTGCAGG
CNA1003L	E	4	CG11801*	TAATACGACTCACTATAGGGCAGCACACTCAATGCATAATAGC
CNA1003L	E	5	CG11839	TAATACGACTCACTATAGGGGCCAGATAAAACTCCACAGAGC
CNA1003L	E	6	CG31917	TAATACGACTCACTATAGGGCACGAGTACAACGAGAAGTTGC
CNA1003L	E	8	CG14353*	TAATACGACTCACTATAGGGTTCCGGTCTACAATGTAAAGGC
CNA1003L	E	9	CG17801	TAATACGACTCACTATAGGGTGTACTTGTGAAAAACGTTGCC
CNA1003L	E	11	CG18675	TAATACGACTCACTATAGGGTGACGACGAGTATCTCAACTCC
CNA1003L	E	12	CG7770*	TAATACGACTCACTATAGGGAATTATTAGCAACCGGTGAAGC
CNA1003L	F	2	CG12265*	TAATACGACTCACTATAGGGGTGGAGAGCTACAAGAGTTGGC
CNA1003L	F	3	CG31237	TAATACGACTCACTATAGGGATTGTAAGCTGCGTTTAGTGCC
CNA1003L	F	4	CG8198*	TAATACGACTCACTATAGGGGCGAGTTCGTGTTTAACAATCC
CNA1003L	F	6	CG13117	TAATACGACTCACTATAGGGACGAGGAGAAGTGCATTAGTGG
CNA1003L	F	7	CG17564	TAATACGACTCACTATAGGGCGAGACGAATATGTCGGATACC
CNA1003L	F	8	CG30367	TAATACGACTCACTATAGGGATAACATGTCGATGGAAAGTCG
CNA1003L	F	10	CG13186*	TAATACGACTCACTATAGGGCATGATCTACATCGAGCACACG
CNA1003L	F	11	CG12464	TAATACGACTCACTATAGGGGGTATCCACGATTGTCTTCAGC
CNA1003L	F	12	CG15905	TAATACGACTCACTATAGGGGAACTTTCACCTTGAAAATGGG
CNA1003L	G	2	CG30424	TAATACGACTCACTATAGGGGCAGCAATATTTTCTCTACGGC
CNA1003L	G	3	CG10673	TAATACGACTCACTATAGGGCTCGAAGATATACGGCTGTTCG

CNA1003L	G	4	CG11425	TAATACGACTCACTATAGGGAGCTTTAATTTAAGTCTGCGGC
CNA1003L	G	5	CG2213*	TAATACGACTCACTATAGGGAAGCACCTCTACGAACATCTCC
CNA1003L	G	7	CG7194	TAATACGACTCACTATAGGGATGTACGCTTTTTCCTTTCTGC
CNA1003L	G	8	CG33333	TAATACGACTCACTATAGGGTTCATTGTAATCTTCAGCGCC
CNA1003L	G	9	CG14324*	TAATACGACTCACTATAGGGCCTAGACCTAGACCACCCTTCC
CNA1003L	G	10	CG13850	TAATACGACTCACTATAGGGCTTCTCCACATTCTTAGGCAGC
CNA1003L	G	12	CG13632	TAATACGACTCACTATAGGGCCGGAACTGGAGGCTAAGG
CNA1003L	H	1	CG31109	TAATACGACTCACTATAGGGTAAACGTACGTACACACAAACGC
CNA1003L	H	2	CG14559	TAATACGACTCACTATAGGGAAACGCTTGAGCAAACAAAGC
CNA1003L	H	3	CG11501	TAATACGACTCACTATAGGGCTCCCAGTAAATCCAATCATGG
CNA1003L	H	5	CG11470	TAATACGACTCACTATAGGGGAGGTGTCTTCCACATAGGAGC
CNA1003L	H	6	CG18731	TAATACGACTCACTATAGGGCAGTGTAGAGGAAATGCTGGC
CNA1003L	H	7	CG32667*	TAATACGACTCACTATAGGGGCAGTTCGACTTGCGAGG
CNA1003L	H	8	CG33252	TAATACGACTCACTATAGGGTCCACTAAGAGAAGATCTGTTGC
CNA1003L	H	10	CG15449	TAATACGACTCACTATAGGGGTCGCGAAATGTGAACACC
CNA1003L	H	11	CG16905	TAATACGACTCACTATAGGGATTTGAATGGCGTCATCAGG
CNA1003R	A	1	91H6	TAATACGACTCACTATAGGGATCACCCGAAAACTGATCTCC
CNA1003R	A	2	155G6-2	TAATACGACTCACTATAGGGTTAGCCAGCTAATGTGAGGTAG
CNA1003R	A	4	93A7	TAATACGACTCACTATAGGGGGGTACCGCTAAATAGTCATGG
CNA1003R	A	6	93C5	TAATACGACTCACTATAGGGGTATTTCGACAGCTCCAGACAGC
CNA1003R	A	8	93C12	TAATACGACTCACTATAGGGTTACCCCTACCGAAGAACACC
CNA1003R	A	10	9,30E+09	TAATACGACTCACTATAGGGGATCACCTACTTTCTCAAGGGC
CNA1003R	A	12	93F11	TAATACGACTCACTATAGGGGGGCTAATGTACTACTGGGACG
CNA1003R	B	2	93G6	TAATACGACTCACTATAGGGTGTTCAATGGTAACACAATACCG
CNA1003R	B	4	93G11	TAATACGACTCACTATAGGGTTTTGGTTTTCGACAGGTATCC
CNA1003R	B	7	93G12	TAATACGACTCACTATAGGGCATGAACATCAAAATCTCTCCG
CNA1003R	B	9	94A12	TAATACGACTCACTATAGGGTTATAGTAAGCGCATGGAGCG
CNA1003R	B	11	94H3	TAATACGACTCACTATAGGGGAGTAGTACATGGCGAAGTTGC
CNA1003R	C	1	150C12	TAATACGACTCACTATAGGGCCAACTGTCAGAGACAAAAACG
CNA1003R	C	3	1,53E+13	TAATACGACTCACTATAGGGGAAAATGGAACCCCAGATCC
CNA1003R	C	5	153H12	TAATACGACTCACTATAGGGACAAATATTGACGACGCAAGG
CNA1003R	C	7	154B7	TAATACGACTCACTATAGGGAGCTGCAACGGCATTGG
CNA1003R	C	9	155G6-1	TAATACGACTCACTATAGGGAATAACCAAAACATTAGCCTGC
CNA1003R	C	12	156H3	TAATACGACTCACTATAGGGGATAGTTTAGGGGTTCCTTGGG
CNA1003R	D	1	CG1319	TAATACGACTCACTATAGGGACTTTAAAAACAACAGCGGACG
CNA1003R	D	2	CG3603	TAATACGACTCACTATAGGGTTTCACGATTATTTAAGGCCCC
CNA1003R	D	4	CG3639	TAATACGACTCACTATAGGGGTCCAGACTGATGGGATAGTGG
CNA1003R	D	5	CG7006	TAATACGACTCACTATAGGGATGGATCTAAAAGAGCGTGTCC
CNA1003R	D	6	CG7236	TAATACGACTCACTATAGGGAGCGATGTAGTCATCGAAGTAGG
CNA1003R	D	7	CG7448	TAATACGACTCACTATAGGGGTAGGAAATGGAGTAAAAGGCG
CNA1003R	D	9	CG7912	TAATACGACTCACTATAGGGCGTATGCGGTGCTAATATGC
CNA1003R	D	10	CG7993	TAATACGACTCACTATAGGGGCTAATGTTCTTCTTCTTGCCC
CNA1003R	D	11	CG9107	TAATACGACTCACTATAGGGAAGGTGGCCTACATAGTGTTCG

CNA1003R	D	12	CG10584	TAATACGACTCACTATAGGGGAGAACAACTACCAGACGACCC
CNA1003R	E	2	CG11761	TAATACGACTCACTATAGGGTGTGGAGGACTATCTACTGGGC
CNA1003R	E	4	CG11801	TAATACGACTCACTATAGGGGAAATCTGATGCAGATAGCGG
CNA1003R	E	5	CG11839	TAATACGACTCACTATAGGGTTCTTCGCTTGAACTCAATTCC
CNA1003R	E	6	CG31917	TAATACGACTCACTATAGGGCCTGCTATGAAACAATTCCTGC
CNA1003R	E	8	CG14353	TAATACGACTCACTATAGGGTCCACGTAACTAAATCCCTTGG
CNA1003R	E	9	CG17801	TAATACGACTCACTATAGGGGGAGAAACGAACCACATAATCC
CNA1003R	E	11	CG18675	TAATACGACTCACTATAGGGTTGTACCAATCGCCTAAGATCC
CNA1003R	E	12	CG7770	TAATACGACTCACTATAGGGAGCTTGTAGACCTTGTTGTCGG
CNA1003R	F	2	CG12265	TAATACGACTCACTATAGGGGCTTTGCAGGTTTTCTCTATGC
CNA1003R	F	3	CG31237	TAATACGACTCACTATAGGGTTTCGAAAGTTCAAAAACAAGG
CNA1003R	F	4	CG8198	TAATACGACTCACTATAGGGCTAAAGAGGACAAACTGCCAGC
CNA1003R	F	6	CG13117	TAATACGACTCACTATAGGGTGCATTATCAGGGTACAGGAGG
CNA1003R	F	7	CG17564	TAATACGACTCACTATAGGGCTGATATATGTGAACAATCTCCGC
CNA1003R	F	8	CG30367	TAATACGACTCACTATAGGGCATCCCCCATCCGTAGG
CNA1003R	F	10	CG13186	TAATACGACTCACTATAGGGCATGTCCTCTTTCTCCTCATCC
CNA1003R	F	11	CG12464	TAATACGACTCACTATAGGGAGATCGCTTATGGTTACTCAAAGG
CNA1003R	F	12	CG15905	TAATACGACTCACTATAGGGCTATGATGACAGTGCGTTGACC
CNA1003R	G	2	CG30424	TAATACGACTCACTATAGGGATATGTTAAAGATCGCGAAGCC
CNA1003R	G	3	CG10673	TAATACGACTCACTATAGGGCTAGAAATCCTGAAACAAGGCG
CNA1003R	G	4	CG11425	TAATACGACTCACTATAGGGCTGTGTGGTATTTCAGAGCACC
CNA1003R	G	5	CG2213	TAATACGACTCACTATAGGGAGATTTCAGCAGCATTTCATCC
CNA1003R	G	7	CG7194	TAATACGACTCACTATAGGGATACCATTTTAGCCGTTTGTGG
CNA1003R	G	8	CG33333	TAATACGACTCACTATAGGGGTAGGACTCAGCAGGACGAGG
CNA1003R	G	9	CG14324	TAATACGACTCACTATAGGGATTTTGGGTCTGTCCCTGC
CNA1003R	G	10	CG13850	TAATACGACTCACTATAGGGAATCCCTTAGAAACGACGATCC
CNA1003R	G	12	CG13632	TAATACGACTCACTATAGGGAATTCGAGGTTTTGATTCAAGG
CNA1003R	H	1	CG31109	TAATACGACTCACTATAGGGTAAATTCAAGCTCGGTTCACG
CNA1003R	H	2	CG14559	TAATACGACTCACTATAGGGACTACTGCCGACTAGACGAAGC
CNA1003R	H	3	CG11501	TAATACGACTCACTATAGGGATTGTTTATGTGATGCAAGGGG
CNA1003R	H	5	CG11470	TAATACGACTCACTATAGGGCGAAGTCCACTCAGATCACTCC
CNA1003R	H	6	CG18731	TAATACGACTCACTATAGGGATGTCCGTTCTCAGTTTATCCG
CNA1003R	H	7	CG32667	TAATACGACTCACTATAGGGGCCACAAACCATTCAATCCC
CNA1003R	H	8	CG33252	TAATACGACTCACTATAGGGATCTCTTGATTTTGAGGGGC
CNA1003R	H	10	CG15449	TAATACGACTCACTATAGGGTTGCACACAAATCTACTTAAGATACC
CNA1003R	H	11	CG16905	TAATACGACTCACTATAGGGGAGCACAAAGAAAATGGTTTCC

*genes that showed a spindle phenotype after the second automated screen
#genes for which no CG number was available