

Supplemental Tables

TableS1: Oligonucleotide primers used for vector construction.

McFADX_XmaI_F	tccc <u>ccggg</u> atggggggcagaggagctattgg	McFADX_XhoI_R	ccg <u>ctcgag</u> tcaagactgtgtggtaccag
AThFad2_XmaI_F	tccc<u>ccggg</u>atgggtgcagggtggaaag	AThFad2_XhoI_R	ccg<u>ctcgag</u>tataacttttgtgtacc
Chimera1_F	cactccaacaccggatccctcgaaag	Chimera1_R	tttcgaggatccgggttgagtg
Chimera2_F	catctccggccggcgtatgcggg	Chimera2_R	cccgatcagggccggagatg
Chimera3_F	gtacaggatgcgcagtcacaaggg	Chimera3_R	cccttgtgcagtcgcgttaca
Chimera4_F	gacacgcacgtggctcatcacgttt	Chimera4_R	caggtgtatgagccacgtgcgtgtcc
Chimera5_F	ccctcgcttttccatccctttcc	Chimera5_R	gaaggtagaaaaagagcgggattg
Chimera6_F	cctctcttacctggcctggcccg	Chimera6_R	gggccaggccaggtaagagagaggc
Chimera7_F	gcgactaccatggtagacgacg	Chimera7_R	gtcgcttaccaattggtagtcgtctg
Chimera8_F	cattecaacacttcatccgtggacgg	Chimera8_R	gtccacggatgaagtgttggaaatgg
FADX ₆ mut_F	gtactcaccggcatctggcatcgctacag	FADX ₆ mut_R	gccccgtgagttacgcagccctacggccaggccag
FADX ₆ mut-V97L_F	cctggectggccgttaactgggctgtcag	FADX ₆ mut-V97L_R	ctgacaggeccaggtaaacggcggcaggccagg
FADX ₆ mut-F100A_F	gccccttactggtctgtcagggtcgctac	FADX ₆ mut-F100A_R	gtacgcagccctacagaaccaggtaaaggggc
FADX ₆ mut-A104C_F	ggcctgtcaggcgccgtactaccggcatc	FADX ₆ mut-A104C_R	gatccgggtgagttacggccctacaggcc
FADX ₆ mut-M109I_F	gtactcaccggcatgtgggtcatcgctcac	FADX ₆ mut-M109I_R	gtgagcgatgacccacatgcgggtgat
FADX ₆ mut-G111V_F	ctcacggcatctgggcategcgtacag	FADX ₆ mut-G111V_R	ctcgtagcgtatgcggcagatgcgggtg
FADX ₆ mut-D115E_F	ggtcatcgctcacgactcgccgacaccgc	FADX ₆ mut-D115E_R	gcgtggggcccgactgtgagcgatgacc
McG111A_F	cacccggcatgtggccatcgctacgactg	McG111A_R	cagtctgtgagcgatggccacatgcgggt
McG111V_F	cacccggcatgtgggtcatcgctacgactgc	McG111V_R	gcagtctgtgagcgatgacccacatgcgggt
McG111L_F	cacccggcatgtggctcatcgctacgactg	McG111L_R	cagtctgtgagcgatgacccacatgcgggt
McG111F_F	cacccggcatgtgggtcatcgctacgactg	McG111F_R	cagtctgtgagcgatgacccacatgcgggt
McG111A/D115E_F	cacccggcatgtggccatcgctacgactg	McG111A/D115E_R	cactctgtgagcgatggccacatgcgggt
McG111V/D115E_F	cacccggcatgtgggtcatcgctacgactg	McG111V/D115E_R	cactctgtgagcgatgacccacatgcgggt
McG111L/D115E_F	cacccggcatgtgggtcatcgctacgactg	McG111L/D115E_R	cactctgtgagcgatgacccacatgcgggt
McG111F/D115E_F	cacccggcatgtgggtcatcgctacgactg	McG111F/D115E_R	cactctgtgagcgatgacccacatgcgggt

F: forward; R: reverse; restriction sites are in bold and underlined.

Table S2: Fatty acid composition of untransformed and transformed *fad3/fae1* Arabidopsis seeds by GC-MS analyses of FAMEs. Values represent means \pm SD of at least three independent analyses.

construct	16:0	18:0	18:1	18:2 (c,t)	18:2 (c,c)	18:3	20:0	20:1	punicic	α -ESA ^a	β -ESA ^a	Total ESA ^a
untransformed	10.2 \pm 0.5	6.4 \pm 0.4	33.2 \pm 0.6	0	46.6 \pm 0.6	1.2 \pm 0.3	1.2 \pm 0.1	0.4 \pm 0.1	0	0	0	0
Wild-type FADX	8.1 \pm 0.6	5.1 \pm 0.5	55.7 \pm 1.8	1.9 \pm 0.8	16.4 \pm 2.4	0.5 \pm 0.1	1.2 \pm 0.1	0.6 \pm 0.1	0.2 \pm 0.1	7.6 \pm 0.9	2.1 \pm 1.1	9.9 \pm 0.5
Wild-type FAD2	12.8 \pm 2.2	6.0 \pm 0.2	21.5 \pm 2.1	0.3 \pm 0.3	55.6 \pm 1.6	1.7 \pm 0.4	1.2 \pm 0.8	0.7 \pm 0.3	0	0	0	0
Chimera1	11 \pm 1.5	5.4 \pm 0.2	35.1 \pm 4.5	2.7 \pm 0.4	40.3 \pm 3.5	1.6 \pm 0.6	1.1 \pm 0.2	0.3 \pm 0.1	0.1 \pm 0.1	1.9 \pm 0.3	0.6 \pm 0.1	2.6 \pm 0.4
Chimera2	12.4 \pm 1.2	5.0 \pm 0.3	30.6 \pm 1.4	0.6 \pm 0.4	47.7 \pm 2.1	1.7 \pm 0.6	1.0 \pm 0.1	0.2 \pm 0.2	0	0.8 \pm 0.1	0	0.8 \pm 0.1
Chimera3	9.9 \pm 0.8	4.7 \pm 3.3	33.7 \pm 2.7	3.1 \pm 1.0	41.8 \pm 4.0	1.2 \pm 0.7	0.8 \pm 0.5	0.1 \pm 0	0.2 \pm 0.1	3.3 \pm 2.4	1.0 \pm 0.6	4.5 \pm 2.7
Chimera4	9.9 \pm 0.9	4.1 \pm 0.5	43.5 \pm 0.9	0.5 \pm 0	31.2 \pm 3.1	1.4 \pm 0.5	1.1 \pm 0.2	0.5 \pm 0.1	0.2 \pm 0.1	5.4 \pm 0.9	1.9 \pm 0.9	7.5 \pm 1.4
Chimera5	9.9 \pm 1.5	4.8 \pm 0.9	49.1 \pm 3.6	2.4 \pm 0.2	18.9 \pm 2.2	1.1 \pm 0.5	1.1 \pm 0.2	0.5 \pm 0.1	0.1 \pm 0.1	9.0 \pm 2.5	2.3 \pm 0.2	11.4 \pm 2.5
Chimera6	8.7 \pm 1.5	4.5 \pm 0.8	51.3 \pm 6.8	2.9 \pm 0.7	18.8 \pm 0.9	0.6 \pm 0.4	1.0 \pm 0.7	0.4 \pm 0.3	0.1 \pm 0.1	7.9 \pm 3.5	3.4 \pm 1.6	11.4 \pm 4.1
Chimera7	7.1 \pm 0.7	4.6 \pm 0.7	48.2 \pm 0.5	0.5 \pm 0.1	18.1 \pm 1.7	1.7 \pm 0.4	0.8 \pm 0.1	0.7 \pm 0.3	8.9 \pm 0.4	7.8 \pm 0.4	0.3 \pm 0.2	17.0 \pm 0.8
Chimera8	13.4 \pm 0.8	5.0 \pm 1.8	35.1 \pm 5.2	0.1 \pm 0.1	40.7 \pm 4.2	1.2 \pm 0.9	0.8 \pm 0.4	0.3 \pm 0.1	0	2.4 \pm 1.6	0.9 \pm 0.5	3.5 \pm 2.1

^aEleostearic acid

Table S3: Fatty acid composition of untransformed and transformed *fad2/fae1* Arabidopsis seeds by GC-MS analyses of FAMEs. Values represent means \pm SD of at least three independent analyses.

construct	16:0	18:0	18:1	18:2 (c,t)	18:2 (c,c)	18:3	20:0	20:1	punicic	α -ESA ^a	β -ESA ^a	Total ESA ^a
untransformed	7.5 \pm 0.8	4.5 \pm 0.9	80.7 \pm 2.6	0.1 \pm 0.1	0.6 \pm 0.2	2.5 \pm 0.5	1.4 \pm 0.2	0.9 \pm 0.1	0	0	0	0
Wild-type FADX	7.7 \pm 0.4	4.4 \pm 0.1	77.8 \pm 0.6	3.0 \pm 0.2	1.7 \pm 0.3	1.0 \pm 0.1	1.3 \pm 0.1	0.8 \pm 0	0	1.3 \pm 0.3	0.2 \pm 0.1	1.5 \pm 0.3
Wild-type FAD2	10.7 \pm 0.9	5.0 \pm 1.0	26.0 \pm 2.7	0	43.7 \pm 1.1	12.1 \pm 1.6	1.1 \pm 0.3	0.3 \pm 0.1	0	0	0	0
Chimera1	8.3 \pm 0.9	4.3 \pm 0.2	62.1 \pm 5.0	4.0 \pm 0.8	11.3 \pm 1.9	6.6 \pm 0.6	1.3 \pm 0.1	0.9 \pm 0.2	0	0.2 \pm 0.3	0	0.2 \pm 0.3
Chimera2	7.9 \pm 0.4	3.4 \pm 0.1	82.2 \pm 2.5	0.2 \pm 0.1	1.0 \pm 0.2	2.3 \pm 0.2	1.1 \pm 0.1	0.7 \pm 0.3	0	0	0	0
Chimera3	8.1 \pm 1.3	3.9 \pm 0.3	63.9 \pm 5.3	5.7 \pm 0.6	10.5 \pm 1.7	4.3 \pm 0.5	1.2 \pm 0.1	0.8 \pm 0.1	0	0.6 \pm 0.5	0.2 \pm 0.2	0.8 \pm 0.7
Chimera4	7.2 \pm 0.4	3.8 \pm 0.9	81.5 \pm 1.8	1.7 \pm 0.2	0.9 \pm 0.1	1.3 \pm 0.2	1.2 \pm 0.2	1.0 \pm 0.2	0	0	0	0
Chimera5	7.7 \pm 0.9	3.8 \pm 0.7	77.3 \pm 3.8	4.0 \pm 1.0	1.8 \pm 0.4	1.2 \pm 0.2	1.3 \pm 0.1	1.0 \pm 0.2	0	1.4 \pm 0.4	0.2 \pm 0.1	1.6 \pm 0.5
Chimera6	7.5 \pm 0.3	3.8 \pm 0.4	76.3 \pm 0.7	4.5 \pm 0.6	1.9 \pm 0.1	1.1 \pm 0.2	1.3 \pm 0.1	1.0 \pm 0.1	0	1.8 \pm 0.4	0.2 \pm 0.1	2.0 \pm 0.4
Chimera7	6.7 \pm 0.5	3.9 \pm 0.2	70.6 \pm 3.7	0.4 \pm 0.1	5.9 \pm 0.5	1.5 \pm 0.1	1.4 \pm 0.2	1.1 \pm 0.1	3.9 \pm 0.9	3.0 \pm 1.5	1.0 \pm 0.2	7.9 \pm 2.0
Chimera8	8.8 \pm 0.9	3.9 \pm 0.7	72.6 \pm 4.1	0.2 \pm 0.1	6.5 \pm 0.8	4.9 \pm 1.3	1.3 \pm 0.4	0.9 \pm 0.1	0	0	0	0

^aEleostearic acid

Table S4: Fatty acid composition of untransformed and transformed *fad3/fae1* *Arabidopsis* seeds by GC-MS analyses of FAMEs. Values represent means \pm SD of at least three independent analyses.

construct	16:0	18:0	18:1	18:2 (c,t)	18:2 (c,c)	18:3	20:0	20:1	punicic	α -ESA ^a	β -ESA ^a	Total ESA ^a
untransformed	10.2 \pm 0.5	6.4 \pm 0.4	33.2 \pm 0.6	0	46.6 \pm 0.6	1.2 \pm 0.3	0.4 \pm 0.1	1.2 \pm 0.1	0	0	0	0
Wild-typeFADX	8.1 \pm 0.6	5.1 \pm 0.5	55.7 \pm 1.8	1.9 \pm 0.8	16.4 \pm 2.4	0.5 \pm 0.1	1.2 \pm 0.1	0.6 \pm 0.1	0.2 \pm 0.1	7.7 \pm 0.9	2.1 \pm 1.1	9.9 \pm 0.5
FADX ₆ mut	9.4 \pm 0.5	3.9 \pm 0.2	42.7 \pm 3.2	0.5 \pm 0	19.4 \pm 0.6	0.9 \pm 0.1	1.3 \pm 0.1	0.6 \pm 0.1	9.5 \pm 1.1	9.5 \pm 0.9	1.1 \pm 0.1	20.1 \pm 2.0
FADX ₆ mut-V97L	8.2 \pm 0.4	4.3 \pm 0.4	47.1 \pm 0.7	0.5 \pm 0.1	19.9 \pm 1.5	0.7 \pm 0.1	1.4 \pm 0.2	0.6 \pm 0.1	7.3 \pm 0.8	7.7 \pm 0.7	0.9 \pm 0.1	15.8 \pm 1.4
FADX ₆ mut-F100A	8.9 \pm 0.6	3.9 \pm 0.1	45.8 \pm 3.5	0.5 \pm 0.1	19.5 \pm 0.7	0.8 \pm 0.1	1.2 \pm 0.1	0.7 \pm 0	8.9 \pm 1.2	8.2 \pm 1	0.7 \pm 0.3	17.8 \pm 2.2
FADX ₆ mut-A104C	8.7 \pm 0.3	4.3 \pm 0.5	45.2 \pm 0.9	0.4 \pm 0	20.5 \pm 0.8	0.8 \pm 0.1	1.3 \pm 0.2	0.6 \pm 0.1	7.8 \pm 0.9	8.9 \pm 0.6	0.8 \pm 0.4	17.2 \pm 1.2
FADX ₆ mut-M109I	9.2 \pm 0.7	4.0 \pm 0.6	44.3 \pm 1.1	0.5 \pm 0	18.7 \pm 0.2	0.7 \pm 0.1	1.3 \pm 0.1	0.6 \pm 0	9.7 \pm 0.4	8.6 \pm 0.2	0.9 \pm 0.5	19.2 \pm 0.4
FADX ₆ mut-G111V	8.0 \pm 0.4	3.7 \pm 0.1	51.4 \pm 1	1.2 \pm 0.3	21.0 \pm 1.9	0.7 \pm 0	1.2 \pm 0.1	0.6 \pm 0.1	0	10.7 \pm 0.4	0.8 \pm 0.1	11.5 \pm 0.3
FADX ₆ mut-D115E	7.9 \pm 0.3	3.8 \pm 0.2	49.7 \pm 2.3	1.4 \pm 0.1	19.2 \pm 1.3	0.7 \pm 0.1	1.1 \pm 0.1	0.6 \pm 0	2.1 \pm 0.5	12.0 \pm 2.4	0.9 \pm 0.2	15.0 \pm 2.6
G111A	8.9 \pm 0.2	4.3 \pm 0.2	55.4 \pm 0.8	2.1 \pm 0.7	17.2 \pm 1.1	0.7 \pm 0.2	1.2 \pm 0.2	0.5 \pm 0.2	0.1 \pm 0.1	6.4 \pm 1.9	2.4 \pm 0.7	8.9 \pm 1.3
G111V	8.5 \pm 0.2	4.4 \pm 0.3	44.1 \pm 0.7	1.6 \pm 0.2	16.9 \pm 1.3	0.7 \pm 0	1.5 \pm 0.1	0.7 \pm 0	2.8 \pm 0.4	16.1 \pm 0.4	1.5 \pm 0.6	20.4 \pm 1.1
G111L	9.4 \pm 0.3	3.8 \pm 0.1	50.2 \pm 2.0	0.9 \pm 0.3	27.4 \pm 1.3	0.8 \pm 0.1	1.1 \pm 0.1	0.5 \pm 0.1	0.1 \pm 0.2	4.2 \pm 1.7	1.2 \pm 0.5	5.5 \pm 1.4
G111F	9.6 \pm 0.6	4.0 \pm 0.2	47.2 \pm 2.0	1.0 \pm 0.2	29.2 \pm 2.1	1.3 \pm 0.1	1.4 \pm 0.1	0.9 \pm 0.2	0.2 \pm 0.1	5.2 \pm 0.4	0.3 \pm 0.1	5.7 \pm 0.4
D115E	7.6 \pm 0.5	3.9 \pm 0.3	56.2 \pm 1.5	1.7 \pm 0.3	17.4 \pm 0.7	0.7 \pm 0.1	1.3 \pm 0.4	0.6 \pm 0.1	0.2 \pm 0.1	8.8 \pm 0.1	0.5 \pm 0.3	9.6 \pm 0.4
G111A/D115E	7.9 \pm 0.5	4.1 \pm 0.2	55.3 \pm 0.3	1.3 \pm 0.7	19.1 \pm 1.6	0.7 \pm 0.2	1.3 \pm 0.1	0.7 \pm 0.1	0	8.8 \pm 0.6	0.8 \pm 0.2	9.6 \pm 0.8
G111V/D115E	8.1 \pm 1.4	4.3 \pm 0.3	43.8 \pm 3.1	0.5 \pm 0.1	18.8 \pm 1.5	0.6 \pm 0.2	1.5 \pm 0.4	0.6 \pm 0.1	10.5 \pm 2.0	9.7 \pm 1.4	1.0 \pm 0.3	21.2 \pm 3.2
G111L/D115E	9.4 \pm 0.7	4.3 \pm 0.3	46.6 \pm 2.3	1.0 \pm 0.4	29.8 \pm 1.1	1.1 \pm 0.2	1.4 \pm 0.2	0.9 \pm 0.1	1.3 \pm 0.2	3.7 \pm 0.4	0.6 \pm 0.1	5.6 \pm 0.5
G111F/D115E	9.6 \pm 0.6	4.0 \pm 0.2	47.2 \pm 2.0	1.0 \pm 0.2	29.2 \pm 2.1	1.3 \pm 0.1	1.4 \pm 0.1	0.9 \pm 0.2	0.2 \pm 0.1	5.2 \pm 0.4	0.3 \pm 0.1	5.7 \pm 0.4

^aEleostearic acid

Table S5: Fatty acid composition of untransformed and transformed *fad2/fae1* Arabidopsis seeds by GC-MS analyses of FAMEs. Values represent means \pm SD of at least three independent analyses.

construct	16:0	18:0	18:1	18:2 (c,t)	18:2 (c,c)	18:3	20:0	20:1	punicic	α -ESA ^a	β -ESA ^a	Total ESA ^a
untransformed	7.5 \pm 0.8	4.5 \pm 0.9	80.6 \pm 2.6	0.1 \pm 0.1	0.6 \pm 0.2	2.5 \pm 0.5	1.4 \pm 0.2	0.9 \pm 0.1	0	0	0	0
Wild-type FADX	7.7 \pm 0.4	4.4 \pm 0.1	77.8 \pm 0.6	3.0 \pm 0.2	1.7 \pm 0.3	1.0 \pm 0.1	1.3 \pm 0.1	0.8 \pm 0	0	1.3 \pm 0.3	0.2 \pm 0.1	1.5 \pm 0.3
FADX ₆ mut	6.2 \pm 0.3	3.2 \pm 0.2	70.5 \pm 1.4	0.5 \pm 0.1	7.1 \pm 0.6	1.8 \pm 0.1	1.1 \pm 0.1	0.9 \pm 0	4.1 \pm 0.9	3.3 \pm 0.1	0.4 \pm 0.1	7.8 \pm 0.9
FADX ₆ mut-V97L	4.8 \pm 0.8	4.9 \pm 1.7	61.9 \pm 8.3	1.4 \pm 1.1	6.1 \pm 0.4	1.7 \pm 0.2	2.7 \pm 1.1	1.6 \pm 0.2	5.3 \pm 0.7	5.1 \pm 0.1	0.7 \pm 0.2	11.0 \pm 0.8
FADX ₆ mut-F100A	6.0 \pm 0.5	3.3 \pm 0	69.0 \pm 2.7	0.5 \pm 0.1	6.6 \pm 0.7	1.8 \pm 0.2	1.4 \pm 0.2	1 \pm 0.6	4.9 \pm 1.2	4 \pm 0.5	0.5 \pm 0.2	9.4 \pm 1.7
FADX ₆ mut-A104C	6.4 \pm 0.2	3.3 \pm 0.4	68.5 \pm 0.2	0.5 \pm 0.1	6.7 \pm 0.5	1.8 \pm 0.2	1.3 \pm 0.3	1 \pm 0.1	4.5 \pm 0.2	4.3 \pm 0.2	0.6 \pm 0.1	9.4 \pm 0.2
FADX ₆ mut-M109I	7.3 \pm 1.7	5.6 \pm 3.2	63.1 \pm 5.2	0.6 \pm 0.1	5.9 \pm 0.4	1.5 \pm 0.2	0.3 \pm 0.5	1.1 \pm 0.1	5.7 \pm 1.1	3.5 \pm 0.6	0.5 \pm 0.1	9.7 \pm 1.8
FADX ₆ mut-G111V	4.7 \pm 0.6	3.2 \pm 0.4	80.4 \pm 2.3	2.6 \pm 0.3	2.1 \pm 0.2	1.9 \pm 0.2	1.6 \pm 0.4	1.5 \pm 0.1	0	2.3 \pm 0.7	0.1 \pm 0	2.5 \pm 0.6
FADX ₆ mut-D115E	6.1 \pm 0.2	3.5 \pm 0.3	72.3 \pm 1.3	1.2 \pm 0.1	5.6 \pm 0.3	1.8 \pm 0.2	1.4 \pm 0.1	1 \pm 0.1	1.1 \pm 0.2	4.6 \pm 0.3	0.5 \pm 0.1	6.2 \pm 0.3
G111A	6.1 \pm 0.1	3.3 \pm 0.1	77.6 \pm 1.0	2.4 \pm 0.5	3.1 \pm 0.5	1.8 \pm 0.3	1.2 \pm 0.1	1.0 \pm 0.1	0	2.4 \pm 0.6	0.8 \pm 0	3.2 \pm 0.6
G111V	4.3 \pm 0.3	4.0 \pm 0.5	67.6 \pm 6.5	1.9 \pm 0.5	5.6 \pm 0.4	1.3 \pm 0.3	2.0 \pm 0.6	1.3 \pm 0.3	2.2 \pm 0.5	8.4 \pm 1.6	1.0 \pm 0.5	11.6 \pm 2.5
G111L	5.8 \pm 0.6	3.0 \pm 0.5	83.1 \pm 1.8	1.6 \pm 0.4	1.7 \pm 0.4	1.7 \pm 0.2	1.1 \pm 0.1	0.8 \pm 0.1	0	0.5 \pm 0.2	0.1 \pm 0.1	0.6 \pm 0.3
G111F	6.7 \pm 0.5	2.9 \pm 0.3	84.7 \pm 1.0	0.3 \pm 0.3	0.8 \pm 0.3	2.0 \pm 0.5	1.0 \pm 0.2	0.8 \pm 0.2	0	0.1 \pm 0.1	0	0
D115E	6.3 \pm 0.3	3.3 \pm 0.9	78.2 \pm 2.7	2.7 \pm 0.5	3.3 \pm 2.1	1.8 \pm 0.4	1.0 \pm 0.8	0.6 \pm 0.5	0	1.2 \pm 0.5	0	1.2 \pm 0.5
G111A/D115E	5.8 \pm 0.2	4.1 \pm 0.2	78.1 \pm 1.2	1.5 \pm 0	3.2 \pm 0.2	1.0 \pm 0.1	1.5 \pm 0.1	1.1 \pm 0.1	0	3.2 \pm 0.8	0.4 \pm 0.2	3.6 \pm 1.0
G111V/D115E	5.7 \pm 0.6	3.5 \pm 1.0	67.3 \pm 3.5	1.3 \pm 1.1	6.4 \pm 0.6	1.8 \pm 0.2	1.8 \pm 1.3	1.3 \pm 0.5	5.8 \pm 0.3	4.2 \pm 0.3	0.8 \pm 0.4	10.8 \pm 0.7
G111L/D115E	6.3 \pm 0.2	3.4 \pm 0.2	83.1 \pm 1.5	1.3 \pm 0.6	1.6 \pm 0.4	1.7 \pm 0.3	1.3 \pm 0.1	1.1 \pm 0.3	0	0.2 \pm 0.1	0	0.2 \pm 0.1
G111F/D115E	6.3 \pm 0.8	4.8 \pm 2.5	84.5 \pm 1.1	0.6 \pm 0.2	0.3 \pm 0.2	0.8 \pm 0.4	1.2 \pm 0.3	0.8 \pm 0.3	0	0.1 \pm 0.1	0	0.1 \pm 0.1

^aEleostearic acid