Table S1. List of the DNA sequences used in the different studies

DNA name (length)	Sequence	RE type/gene
tra ERRE (13)	GC**TCAAGGTCA**C CG**AGTTCCAGT**G	ERRE/TRalpha
tra ERRE (26)	CTG**TCAAGGTCA**CACAGTGAGTTACC GAC**AGTTCCAGT**GTGTCACTCAATGG	ERRE/TRalpha
tra ERRE (29)	AATTG**TCAAGGTCA**CACAGTGAGTTACCG AAC**AGTTCCAGT**GTGTCACTCAATGGCTT	ERRE/TRalpha
tra ERRE (33)	CGATTTC**TCAAGGTCA**CACAGTGAGTTACCGGC GCTAAAC**AGTTCCAGT**GTGTCACTCAATGGCCG	ERRE/TRalpha
lf ERRE (33)	GGCACCT**TCAAGGTCA**TCT**GCTGAA**GAAGATAG CCGTGGA**AGTTCCAGT**AGACGACTTCTTCTATC	ERRE/lactoferrin
tff1 ERRE (26)	GGA**TTAAGGTCA**GGTTGGAGGAGACG CCT**AATTCCAGT**CCAACCTCCTCTGC	ERRE/tff1-ps2
tff1 ERE/IR3 (26)	CCTGCA**AGGTCA**CGG**TGGCCA**CCCGC GGACGT**TCCAGT**GCC**ACCGGT**GGGCG	IR3/tff1-ps2
rb1cc1 IR3 (26)	CCAAGA**AGGTCA**AAT**TCACCT**TGGGC GGTTCT**TCCAGT**TTA**AGTGGA**ACCCG	IR3/rb1cc1
rb1cc1 IR3 (33)	TCCGCAAAGA**AGGTCA**AAT**TCACCT**TGGGAAAG AGGCGTTTCT**TCCAGT**TTA**AGTGGA**ACCCTTTC	IR3/rb1cc1
embERRE/IR3 (26)	ATG**TCAAGGTCA**CCG**TGACCT**TTACG TAC**AGTTCCAGT**GGC**ACTGGA**AATGC	embedded ERRE/IR3
embERRE/IR3 (29)	ATTG**TCAAGGTCA**CCG**TGACCT**TTACCGA AAC**AGTTCCAGT**GGC**ACTGGA**AATGGCTT	embedded ERRE/IR3

embERRE/IR3 (33)	GAAATTG**TCAAGGTCA**CCG**TGACCT**TTACCGCC CTTTAAC**AGTTCCAGT**GGC**ACTGGA**AATGGCGG	embedded ERRE/IR3
abcc5 ERRE/IR3 (26)	CCG**TGAAGGTCA**TCG**TAGCCC**GCGTC GGC**ACTTCCAGT**AGC**ATCGGG**CGCAG	embedded ERRE/IR3/abcc5
5'tff (26)	CCTGCA**AGGTCA**CCG**TGACCT**TTACG GGACGT**TCCAGT**GGC**ACTGGA**AATGC	Chimera
5'emb (26)	ATG**TCAAGGTCA**CGG**TGGCCA**CCCGC TAC**AGTTCCAGT**GCC**ACCGGT**GGGCG	Chimera
destabPu (26)	ATG**TCAAGGTCA**CCG**TGACCACC**ACG TACAGTTCCAGTGGC**ACTGGT**GGTGC	mutant
Pu (26)	CCTGCA**AGGTCA**CGG**TGGCCT**TTCGC GGACGT**TCCAGT**GCC**ACCGGA**AAGCG	mutant
IR3mutA7T(26)	CCTGCA**AGGTCA**CGG**TGGCCT**CCCGC GGACGT**TCCAGT**GCC**ACCGGA**GGGCG	mutant
embmutT7A(26)	ATG**TCAAGGTCA**CCG**TGACCA**TTACG TAC**AGTTCCAGT**GGC**ACTGGT**AATGC	mutant
3'IR3TAA(26)	ATG**TCAAGGTCA**CGG**TGGCCA**TTAGC TAC**AGTTCCAGT**GCC**ACCGGT**AATCG	mutant