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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

(54) **Title:** METHOD

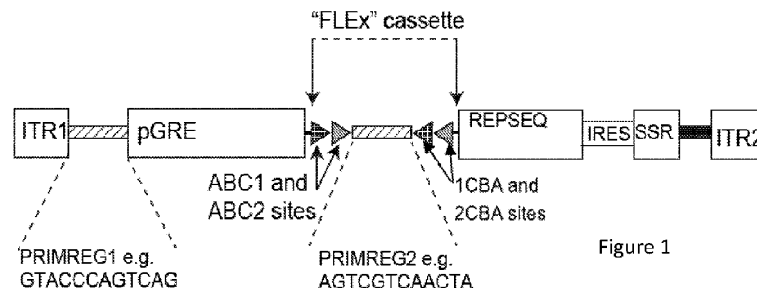


Figure 1

(57) **Abstract:** The present disclosure relates to a novel screening method to screen multiple pGREs in parallel and to nucleotide construct for use in the method. The constructs comprising nucleotide blocks, in sequence PRIMREG1-pGRE-PRIMREG2-GENE, or GENE-PRIMREG1-pGRE-PRIMREG2 wherein PRIMREG1 is either a primer recognition sequence 1, or a FLEX cassette comprising a primer recognition sequence 1. pGRE is a putative gene regulatory element, PRIMREG2 is either a primer recognition sequence 2, or a FLEX cassette comprising a primer recognition sequence 2, GENE comprises nucleotide blocks REPSEQ, IRES and SSR, wherein REPSEQ is a reporter gene and is either present or absent, IRES is either an internal ribosome entry site or a 2A self-cleaving peptide, and SSR is a site specific recombinase gene. At least one of PRIMREG1 and PRIMREG2 is a FLEX cassette comprising a primer recognition sequence.

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