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Additional terms and conditions

These terms specific for the SSR conversion services apply additional to LGCs standard terms and conditions.

Conditions

1. The service is available for human, animal and plant samples as specified in the sample requirements table in the provided guidance notes. The service may be applied to conversion of SSR markers or to the discovery of SNPs in genomic regions in general. Only one organism per project.
2. The service includes: Dedicated project manager support, LGC plant sample collection kit (optional), DNA extraction service (optional), Long range PCR of the SSR region (3kb per SSR), Illumina Sequencing, SNP calling in NGS dataset, KASP assay design service, KASP genotyping service and all required reagents and consumables.
3. Your project manager will ask you to provide; the required samples, a plate layout file the genomic location and the sequence of the SSR marker (see sample requirements), plus at least 1500bp flanking sequence on either side of the SSR. Please enquire what options there are if this sequence is not available.
4. The presence of SNPs in SSRs or their flanking regions is a biological event that is likely but not certain. Therefore no guarantees can be provided that any SNPs will be present. Assay design and genotyping costs are refunded if no SNPs are found. If one or more SNPs are found this refund does not apply.
5. For polyploid organisms the design of working KASP assays is possible but may not be feasible for all markers. If no assays can be designed other options (e.g. sequencing based analyses or real-time assays) may be feasible. Please note that these options are not included in this service package.
6. Identified SNPs cannot be guaranteed by LGC to be associated to the same function as the SSR. For confirmation a functional validation study based on meta-data, mapping population or field trial is required. This is not included in the SSR marker conversion service package and is the responsibility of the customer.
7. The stipulated number of samples provides sufficient data to guarantee technical performance of the KASP assay on the provided samples. However the sample number genotyped within the service package does not guarantee the required statistical power for trait linkage. Please consult with your statistician to confirm statistical power requirements.
8. Pricing and conditions may vary dependent on the technical requirements for specific organisms. Please enquire for a free of charge consult with our sequencing experts.
9. Additional SNPs found over maximum defined number are available for conversion at a discounted rate