

Feature		RExPrimer	PrimerZ	MutScreener	EasyExonPrimer	VariantSEQr	ELXR	SNPbox	ExonPrimer	Genomic Primer
Primer Specificity	avoiding non-target homologous sequences e.g. pseudogenes	<i>Avoiding by using information from Pseudogene database</i>	N/A	N/A	N/A	N/A	Masking using RepeatMasker	Masking using RepeatMasker	Masking using BLAT	N/A
	SNPs/Indels allocated in primers	<i>Warning/notifying destabilizing effect for redesign decision</i>	N/A	N/A	Avoid	Avoid	N/A	N/A	Avoid	N/A
	CNV/Indels allocated in primers	<i>Warning</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Specificity checking	In-Silico PCR	In-Silico PCR, NCBI BLAST	N/A	In-Silico PCR	Experimental testing listed in NCBI ProbeDB	N/A	N/A	N/A	N/A
Appearance	Input format	gene name, gene ID, genomic location	gene name, Ensembl ID	GenBank accession, gene ID, input sequence	RefSeq ID, gene name, keyword	gene ID, genomic location, keyword	RefSeq ID, input sequence	GenBank accession, input sequence	input sequence	input sequence, gene name
	Visualization for user guidance	<i>Graphical view of gene structure, genome annotation (SNP, CNV, pseudogene, active gene-pseudogene alignment, etc.) and resulting primers</i>	Graphical view of gene structure and genome annotation	N/A	N/A	N/A	Graphical view of predicted gene structure obtained from sequence alignment	N/A	N/A	N/A

Feature		RExPrimer	PrimerZ	MutScreener	EasyExonPrimer	VariantSEQr	ELXR	SNPbox	ExonPrimer	Genomic Primer
	Output format	SVG graphic viewer and HTML	Text format	Text format and tabular format	Text format	Text format and graphic viewer	Text format and graphic viewer	Text format and graphic viewer	Text format	Text format