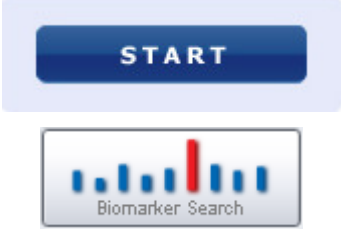


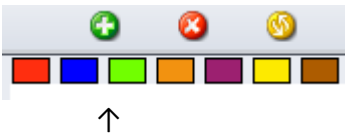



How to use RefGenes

(based on Genevestigator Version 3)

<p>1.</p>	<p>Start the RefGenes tool</p> <ul style="list-style-type: none"> Click on the START button on the RefGenes website. This will launch Genevestigator RefGenes is a tool in the Biomarker Search toolset. 	
<p>2.</p>	<p>Choose organism</p> <ul style="list-style-type: none"> Click on the green (+) button in top panel Select organism of interest 	
<p>3.</p>	<p>Choose condition of interest</p> <ul style="list-style-type: none"> In the same dialog, choose "Select arrays by Annotation" Under "Anatomy", choose tissue of interest 	
<p>4.</p>	<p>Enter target gene(s) of interest</p> <ul style="list-style-type: none"> Click on the green (+) button in lower panel Enter gene(s) of interest Box plots of expression for these genes will be shown in the RefGenes tool 	
<p>5.</p>	<p>Search for new reference genes</p> <ul style="list-style-type: none"> Define the range for the mean expression value of reference gene candidates Click on the "Run" button. RefGenes will display the top 25 candidates 	
<p>6.</p>	<p>Validate new reference genes</p> <ul style="list-style-type: none"> Copy list of reference genes to a new gene selection (copy button in RefGenes + green (+) button to create a new gene selection) Check how the candidate reference genes respond to different conditions in the Meta-Profile Analysis tools. Make sure they are not sensitive to conditions that occur within your RT-qPCR experiment. 	