

Supplementary Figures

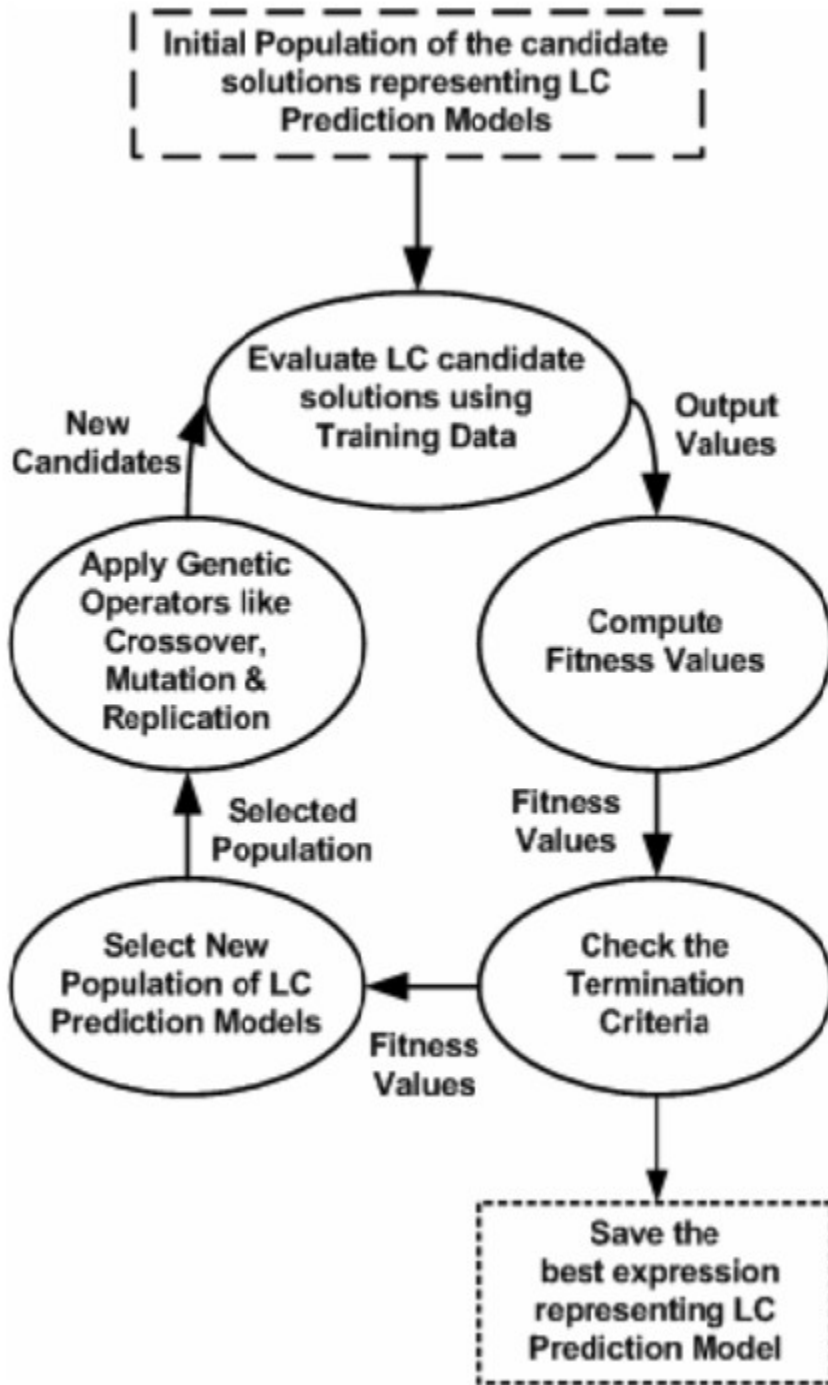


Figure 1 (supplementary)
GP Expression Evolution Module

<p>LCa= $+(\cos(r_B),*(r_B,5.55)),+(*(r_B,0.18553),-r_A,r_A)),e^{*(*(t,r_A),0.3645))},-\cos(\log(\log(-(-5.55,r_B))))),/(\cos(\cos(*(r_B,+(*(\cos(r_B),*(r_B,5.55)),-(r_A,/(\sin(r_B),t))),e^{*(*(r_A,\sin(-(/(\sin(r_B),t),/(\log(r_A),\log(\log(/(/(t,/(\cos(\cos(*(r_B,+(*(\cos(r_B),*(r_B,5.55)),-(r_A,/(\sin(r_B),t))),e^{*(*(r_A,\sin(-(/(t,/(\log(r_A),\log(\log(/(/(t,/(\sin(r_B),t),\log(r_B))))),5.55))),*(*(t,\cos(\cos(*(r_B,+(*(0.563,*(r_B,5.55)),/5.55,+(/(t,*0.563,*(r_B,5.55))),\cos(\sin(e^{(r_BA)}))))),e^{*(*(t,r_A),*(r_A,\sin(r_A))))),0.3626))))),\sin(r_A)),\log(r_A))))),5.55)),*(*(t,\cos(\cos(*(r_B,+(*(0.563,*(r_B,5.55)),-(r_A,/(\sin(e^{*(*(r_A,\sin(-(/(t,/(\log(r_A),\log(t))),+(*(\cos(r_B),*(r_B,5.55)),+(*(r_B,0.18553),-r_A,r_A))),e^{*(*(t,r_A),0.3645))))) ,r_A))) ,t))),e^{*(*(t,r_A),*(\sin(r_A),0.3626))})}),/0.56,+0.43171,*t,r_A)))))) ,\log(\log(t))))$</p>
<p>LCb = $-(+(*(+(r_B,r_A),+(r_B,t)),-(+(r_B,r_A),+(r_A,-(t,e^{(0.22834)}))))),-(e^{(e^{(0.73712)}),e^{*(r_B,r_B)})),+/(**(-(+(r_B,-(+(r_B,-(+(r_B,-(+(r_B,-(+(r_B,r_A),+(r_A,-(t,-(+(r_B,-(+(r_B,-(+(r_B,t),+(-(+(r_B,r_A),r_B),-(t,e^{(0.22834)}))))),t),/0.17412,+0.87322,-/(1.50754,e^{(0.67178)},+(r_B,r_B))))))))) ,t),+(t,-(t,*e^{(0.011361)},-(+(t,0.84362),0.32886))))),t),/0.17412,+r_A,-(t,+r_B,r_B))))),-(+(r_B,-(+(r_B,-(+(r_B,-(+(r_B,r_A),+(r_A,-(t,-(+(r_B,-(+(r_B,-(+(r_B,-(+(r_B,r_A),+(r_A,-(t,e^{(0.22834)}))))),t),+r_B,-(t,e^{(0.22834)}))))),t),/0.17412,+0.87322,-(t,+r_B,r_B))))))))) ,+r_A,-(t,e^{(0.22834)})),r_A),+(r_A,-(t,+r_B,r_B))))),+(t,r_A),e^{(e^{(e^{(/(-(r_B,-(+(r_B,-(/(t,-(+(r_B,r_A),+(-(+(r_B,r_A),r_B),-(t,e^{(r_A,t)}))))),r_A)),0.47228),-(r_A,t))))),*(-(e^{(t)},*(+(*(r_B,r_B),*(r_B,r_B))),/(/0.84362,*t,0.64086)),r_A)),0.028112),e^{-(r_B,r_B))}}$</p>
<p>LCc = $-*(\log(-(\sin(0.66165),7.668)),\sin(\sin(t_A))),-(\cos(5.616),-(t,r_A)),+(+(r_B,\log(-(\cos(+((t,5.346),-(t,r_B))),-(r_A,r_B)),+(\log(5.346),5.616))),-(5.346,r_B))),e^{\cos(\cos(-(\log(-(\sin(0.66165),7.668)),\sin(\sin(t_A))),-(\cos(5.616),-(t,r_A)),+(+(r_B,\log(-(\cos(5.616),r_B)),+*(\log(7.668),\sin(\sin(t_A))),5.616))),-(5.346,r_B))}}$</p>

Figure 2 (supplementary)
 GP Expressions for LC a, b, and c respectively. Note: ‘e’ represents exponential function and $t_A=r_A/t$, while the rest of the symbols have their usual meaning