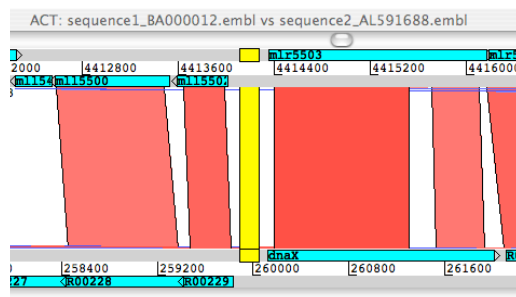


Exemple of Artemis Comparison Tool (ACT) results

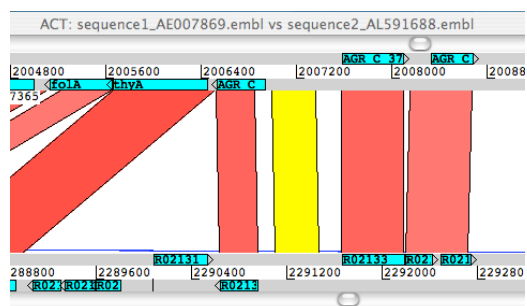
Syntenic genes are in yellow

→ *ffs*=4.5S



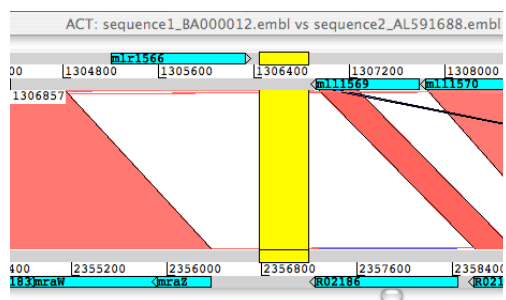
	Left	Right
<i>sra05=ffs=4.5S</i>	<i>SMc02904</i>	<i>dnaX</i>
<i>R. etli</i>	<i>RHE_CH00127</i>	<i>dnaX</i>
<i>R. leguminosarum</i>	<i>rl0135</i>	<i>dnaX</i>
<i>A.tumefaciens</i>	<i>AGR_C_148</i>	<i>dnaX</i>
<i>M. loti</i>	<i>mll5502</i>	<i>dnaX</i>

→ *tmRNA*



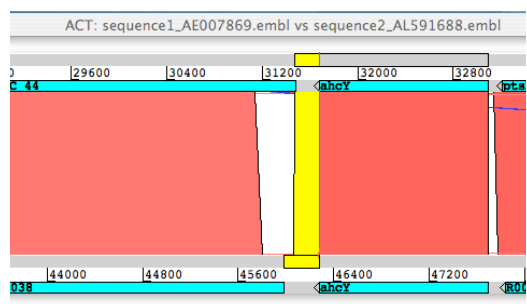
	Left	Right
<i>sra49 = tmRNA</i>	<i>SMc01449</i>	<i>SMc01450</i>
<i>A.tumefaciens</i>	<i>AGR_C_3711</i>	<i>AGR_C_3712</i>
<i>M. loti</i>	<i>mll1468</i>	<i>mll1469</i>

→ *rnpB*



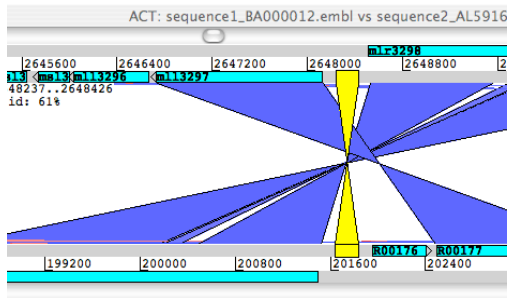
	Left	Right
<i>sra50=tmRNA</i>	<i>mraZ</i>	<i>SMc01856</i>
<i>R. etli</i>	<i>mraZ</i>	<i>RHE_CH02857</i>
<i>R. leguminosarum</i>	<i>mraZ</i>	<i>RL3317</i>
<i>A.tumefaciens</i>	<i>mraZ</i>	<i>AGR_C_3823</i>
<i>M. loti</i>	<i>mll1566</i>	<i>mll1569</i>

→ *sra02*



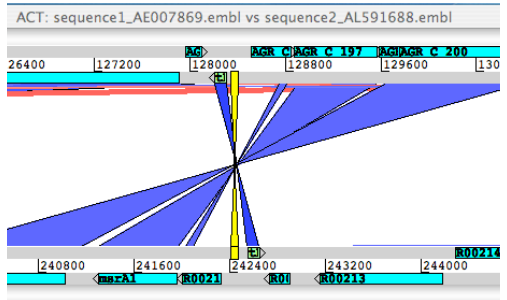
	Left	Right
<i>sra02</i>	<i>SMc02756</i>	<i>ahcY</i>
<i>R. etli</i>	<i>RHE_CH00030</i>	<i>ahcY</i>
<i>R. leguminosarum</i>	<i>RL0030</i>	<i>ahcY</i>
<i>A.tumefaciens</i>	<i>AGR_C_44</i>	<i>ahcY</i>
<i>M. loti</i>	<i>mll5087</i>	<i>ahcY</i>

➔ **sra03**



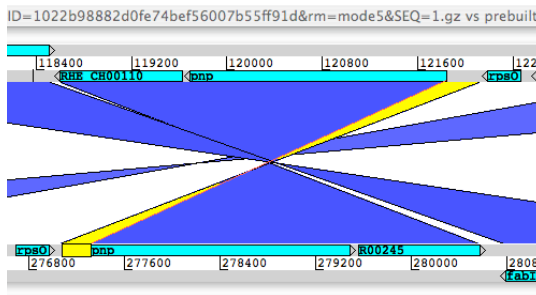
	Left	Right
<i>sra03</i>	<i>polA</i>	<i>SMc02851</i>
<i>R. etli</i>	<i>polA</i>	<i>RHE_CH00150</i>
<i>R. leguminosarum</i>	<i>polA</i>	<i>R00176</i>
<i>A.tumefaciens</i>	<i>AGR_C_168</i>	<i>AGR_C_167</i>
<i>M. loti</i>	<i>polA</i>	<i>mlr3297</i>

➔ **sra04**



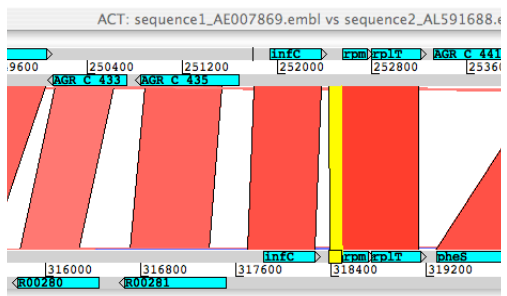
	Left	Right
<i>sra04</i>	<i>smc02886</i>	<i>tRNA_Ser</i>
<i>A.tumefaciens</i>	<i>AGR_C_196</i>	<i>tRNA_Ser</i>

➔ **sra06**



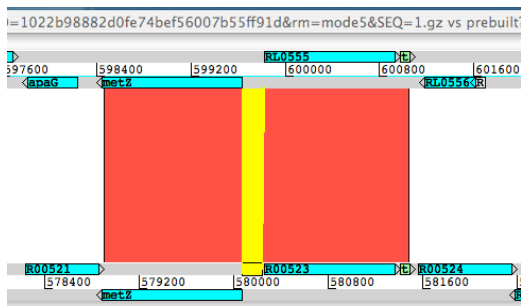
	Left	Right
<i>sra06</i>	<i>rpsO</i>	<i>pnp</i>
<i>R. etli</i>	<i>rpsO</i>	<i>pnp</i>
<i>R. leguminosarum</i>	<i>rpsO</i>	<i>pnp</i>
<i>A.tumefaciens</i>	<i>rpsO</i>	<i>pnp</i>
<i>M. loti</i>	<i>rpsO</i>	<i>pnp</i>

➔ **sra09**



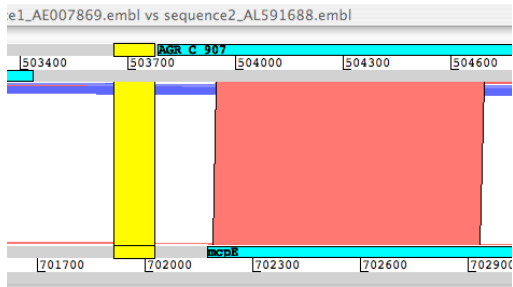
	Left	Right
<i>sra09</i>	<i>infC</i>	<i>rpmE</i>
<i>R. etli</i>	<i>infC</i>	<i>rpmE</i>
<i>R. leguminosarum</i>	<i>infC</i>	<i>rpmE</i>
<i>A.tumefaciens</i>	<i>infC</i>	<i>rpmE</i>

➔ **sra13**



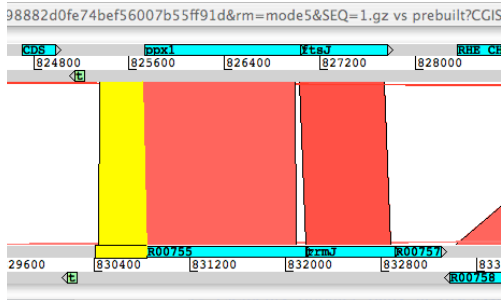
	Left	Right
<i>sra13</i>	<i>metZ</i>	<i>SMc02218</i>
<i>R. etli</i>	<i>metZ</i>	<i>dcd</i>
<i>R. leguminosarum</i>	<i>metZ</i>	<i>mlr5652</i>
<i>A.tumefaciens</i>	<i>metZ</i>	<i>dcd</i>
<i>M. loti</i>	<i>metZ</i>	<i>pnp</i>

➔ **sra16**



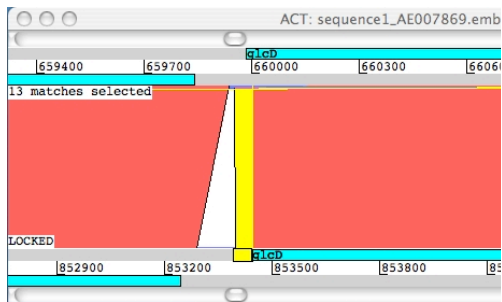
	Left	Right
<i>sra16</i>	<i>smc03003</i>	<i>mcpE</i>
<i>A.tumefaciens</i>	<i>AGR_C_905</i>	<i>AGR_C_907</i>

➔ **sra19**



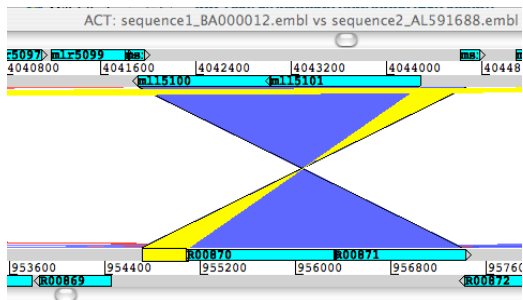
	Left	Right
<i>sra19</i>	<i>tRNA_Gln</i>	<i>SMc00810</i>
<i>R. etli</i>	<i>tRNA_Gln</i>	<i>ppx1</i>
<i>A.tumefaciens</i>	<i>AGR_C_1096</i>	<i>AGR_C_1098</i>

➔ **sra20**



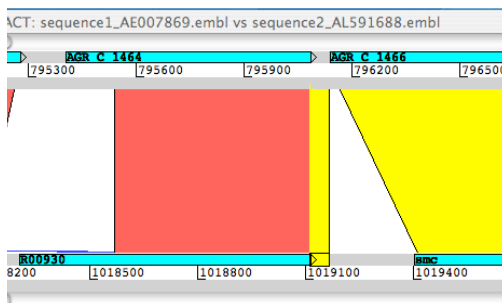
	Left	Right
<i>sra20</i>	<i>SMc00831</i>	<i>gldD</i>
<i>R. etli</i>	<i>RHE_CH00807</i>	<i>gldD</i>
<i>A.tumefaciens</i>	<i>AGR_C_1186</i>	<i>gldD</i>
<i>R. leguminosarum</i>	<i>RL0863</i>	<i>gldD</i>

➔ **sra22**



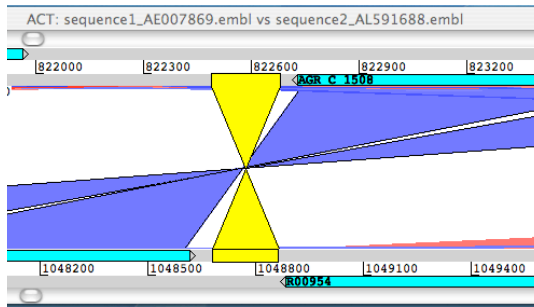
	Left	Right
<i>sra22</i>	<i>SMc00981</i>	<i>SMc00982</i>
<i>M. loti</i>	<i>msr5103</i>	<i>mll5101</i>

➔ **sra23**



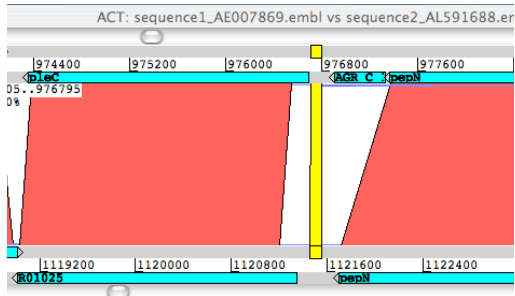
	Left	Right
<i>sra23</i>	<i>smc00023</i>	<i>smc</i>
<i>A.tumefaciens</i>	<i>AGR_C_1464</i>	<i>AGR_C_1466</i>

➔ **sra25**



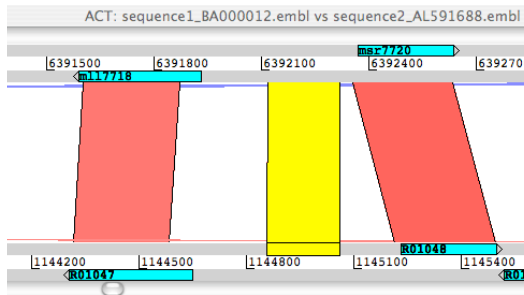
	Left	Right
<i>sra25</i>	<i>smc00034</i>	<i>smc00096</i>
<i>A.tumefaciens</i>	<i>AGR_C_1508</i>	<i>cysA1</i>

➔ **sra26**



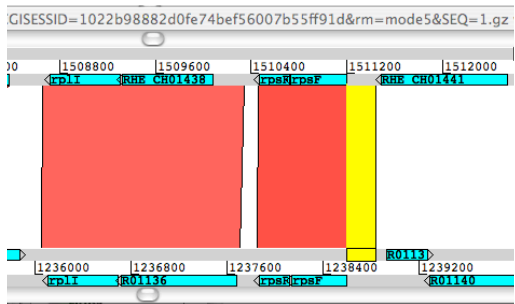
	Left	Right
<i>sra26</i>	<i>smc02369</i>	<i>pepN</i>
<i>R. etli</i>	<i>RHE_CH01297</i>	<i>pepN</i>
<i>R. leguminosarum</i>	<i>RL1445</i>	<i>pepN</i>
<i>A.tumefaciens</i>	<i>pleC</i>	<i>AGR_C_892</i>

➔ **sra27**



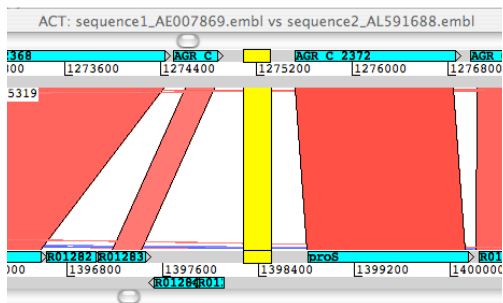
	Left	Right
<i>sra27</i>	<i>smc02391</i>	<i>smc02392</i>
<i>A.tumefaciens</i>	<i>AGR_C_1859</i>	<i>AGR_C_1864</i>
<i>M. loti</i>	<i>mlr7718</i>	<i>msr7720</i>

➔ **sra29**



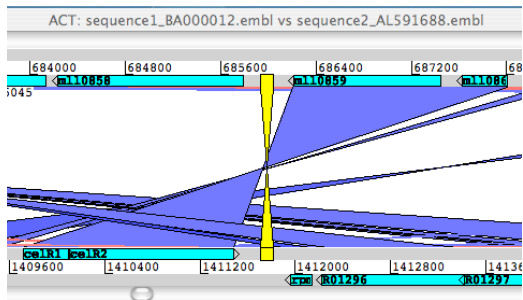
	Left	Right
<i>sra29</i>	<i>rpsF</i>	<i>smc00569</i>
<i>R. etli</i>	<i>rpsF</i>	<i>RHE_CH01441</i>
<i>R. leguminosarum</i>	<i>rpsF</i>	<i>RL1556</i>
<i>A.tumefaciens</i>	<i>rpsF</i>	<i>AGR_C_2023</i>
<i>M. loti</i>	<i>rpsF</i>	<i>mlr7847</i>

➔ **sra32**



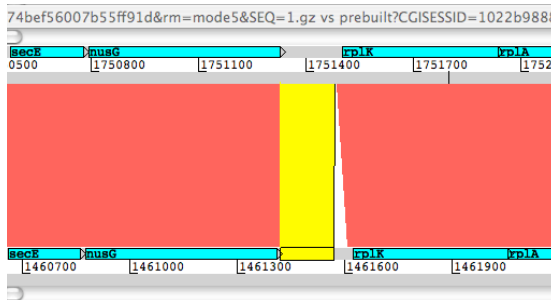
	Left	Right
<i>sra32</i>	<i>SMc01933</i>	<i>proS</i>
<i>R. etli</i>	<i>RHE_CH01622</i>	<i>proS</i>
<i>R. leguminosarum</i>	<i>RL1718</i>	<i>proS</i>
<i>A.tumefaciens</i>	<i>AGR_C_2369</i>	<i>proS</i>
<i>M. loti</i>	<i>rpsF</i>	<i>proS</i>

sra33



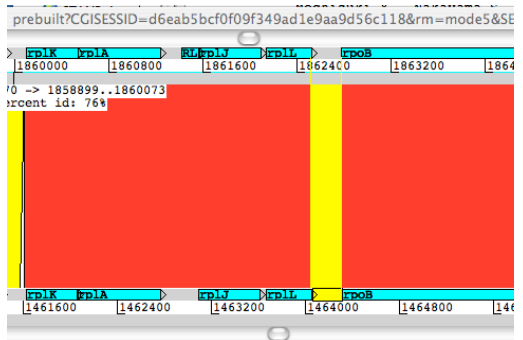
	Left	Right
<i>sra33</i>	<i>celR2</i>	<i>rpmG</i>
<i>R. etli</i>	<i>celR2</i>	<i>rpmG</i>
<i>R. leguminosarum</i>	<i>RL1730</i>	<i>rpmG</i>
<i>A.tumefaciens</i>	<i>celR2</i>	<i>AGR_C_2230</i>
<i>M. loti</i>	<i>celR2</i>	<i>mll0858</i>

sra35



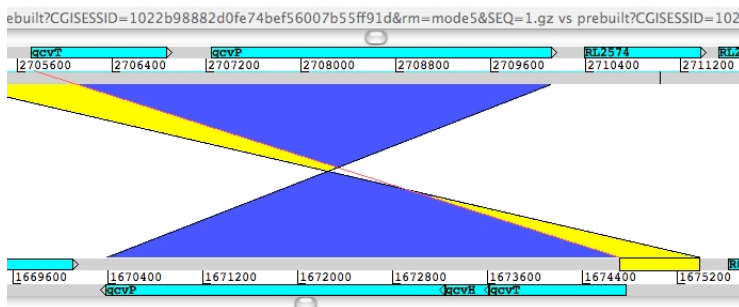
	Left	Right
<i>sra35</i>	<i>nusG</i>	<i>rplK</i>
<i>R. etli</i>	<i>nusG</i>	<i>rplK</i>
<i>R. leguminosarum</i>	<i>nusG</i>	<i>rplK</i>
<i>A.tumefaciens</i>	<i>nusG</i>	<i>rplK</i>
<i>M. loti</i>	<i>nusG</i>	<i>rplK</i>

sra36



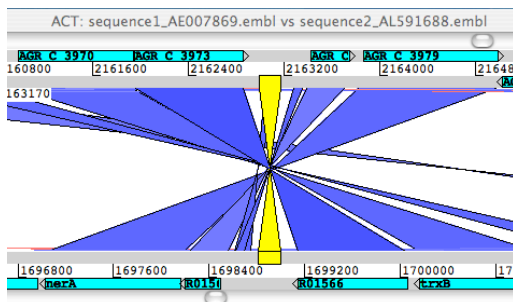
	Left	Right
<i>sra36</i>	<i>rplL</i>	<i>rpoB</i>
<i>R. etli</i>	<i>rplL</i>	<i>rpoB</i>
<i>R. leguminosarum</i>	<i>rplL</i>	<i>rpoB</i>
<i>A.tumefaciens</i>	<i>rplL</i>	<i>rpoB</i>

sra39



	Left	Right
<i>sra39</i>	<i>SMc01242</i>	<i>gcvT</i>
<i>R. etli</i>	<i>RHE_CH02240</i>	<i>gcvT</i>
<i>R. leguminosarum</i>	<i>RL2571</i>	<i>gcvT</i>
<i>A.tumefaciens</i>	<i>AGR_C_2705</i>	<i>gcvT</i>
<i>M. loti</i>	<i>mll0880</i>	<i>gcvT</i>

sra41

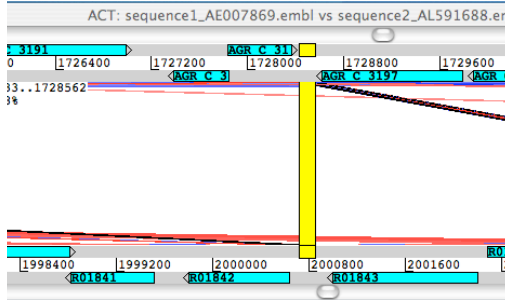


➔ **sra45**



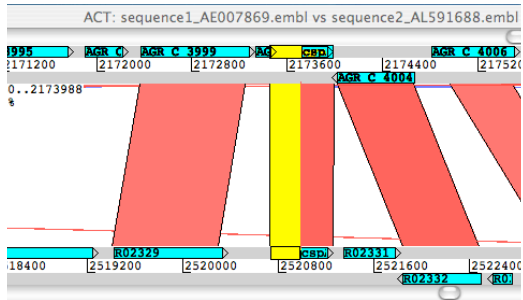
	Left	Right
<i>sra45</i>	<i>SMc00487</i>	<i>SMc00538</i>
<i>R. etli</i>	<i>RHE_CH02303</i>	
<i>R. leguminosarum</i>	<i>RL2613</i>	<i>RL2614</i>
<i>A.tumefaciens</i>	<i>AGR_C_3399</i>	

➔ **sra46**



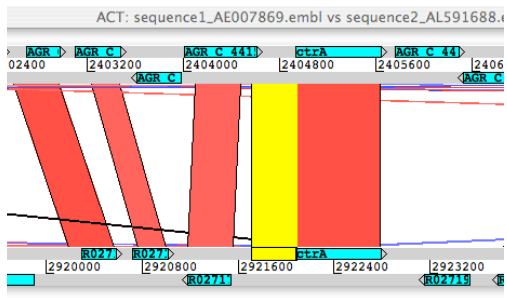
	Left	Right
<i>sra46</i>	<i>SMc00165</i>	<i>SMc00164</i>
<i>R. etli</i>	<i>RHE_CH02368</i>	<i>aroG</i>
<i>R. leguminosarum</i>	<i>RL2681</i>	<i>RL2682</i>
<i>A.tumefaciens</i>	<i>AGR_C_3195</i>	<i>AGR_C_3197</i>

➔ **sra51**



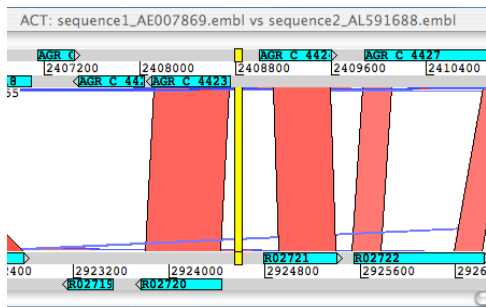
	Left	Right
<i>sra51</i>	<i>SMc01584</i>	<i>cspA3</i>
<i>R. etli</i>	<i>RHE_CH03004</i>	<i>cspA5</i>
<i>R. leguminosarum</i>	<i>RL3448</i>	<i>cspA</i>
<i>A.tumefaciens</i>	<i>AGR_C_4001p</i>	<i>cspA</i>

➔ **sra54**



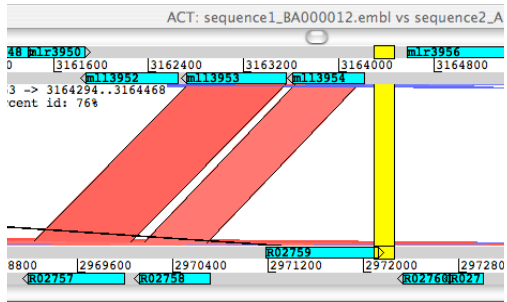
	Left	Right
<i>sra54</i>	<i>SMc00655</i>	<i>ctrA</i>
<i>R. etli</i>	<i>RHE_CH03333</i>	<i>ctrA</i>
<i>A.tumefaciens</i>	<i>AGR_C_4415</i>	<i>ctrA</i>

➔ **sra55**



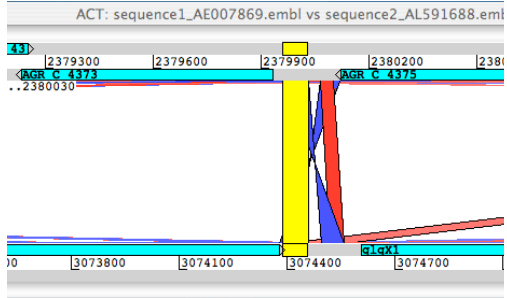
	Left	Right
<i>sra55</i>	<i>SMc00652</i>	<i>SMc00651</i>
<i>A.tumefaciens</i>	<i>AGR_C_4423</i>	<i>AGR_C_4424</i>

➔ **sra56**



	Left	Right
<i>sra56</i>	<i>smc00530</i>	<i>nifS</i>
<i>R. etli</i>	<i>RHE_CH03492</i>	<i>RHE_CH03493</i>
<i>R. leguminosarum</i>	<i>RL4003</i>	<i>RL4004</i>
<i>A.tumefaciens</i>	<i>Linear Chom. Atu3734</i>	
<i>M. loti</i>	<i>mlr4028</i>	<i>mll4029</i>

➔ **sra58**



	Left	Right
<i>sra51</i>	<i>pgm</i>	<i>glx1</i>
<i>R. etli</i>	<i>RHE_CH01194</i>	<i>RHE_CH01195</i>
<i>R. leguminosarum</i>	<i>RL3112A</i>	