

**SUPPORTING INFORMATION**

**fig.10a**

<b>CREB</b>			
<b>Control</b>	<b>GLU</b>	<b>GLU+LONC</b>	<b>LONC</b>
<b>0.50</b>	<b>0.50</b>	<b>0.53</b>	<b>0.58</b>
<b>0.46</b>	<b>0.48</b>	<b>0.52</b>	<b>0.49</b>
<b>0.55</b>	<b>0.46</b>	<b>0.48</b>	<b>0.53</b>
<b>0.50</b>	<b>0.58</b>	<b>0.50</b>	<b>0.52</b>

**fig.10b**

<b>p-CREB</b>			
<b>Control</b>	<b>GLU</b>	<b>GLU+LONC</b>	<b>LONC</b>
<b>1.16</b>	<b>0.64</b>	<b>0.93</b>	<b>1.16</b>
<b>1.06</b>	<b>0.60</b>	<b>1.12</b>	<b>1.06</b>
<b>1.25</b>	<b>0.66</b>	<b>1.16</b>	<b>1.20</b>
<b>0.95</b>	<b>0.58</b>	<b>1.20</b>	<b>0.99</b>