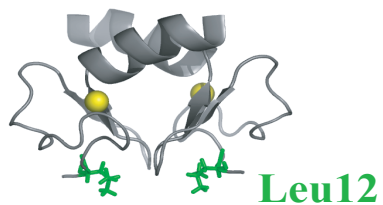
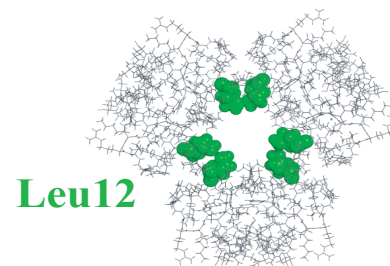


**ZBD dimer**



**ZBD hexamer top view**



**AAA<sup>+</sup>**

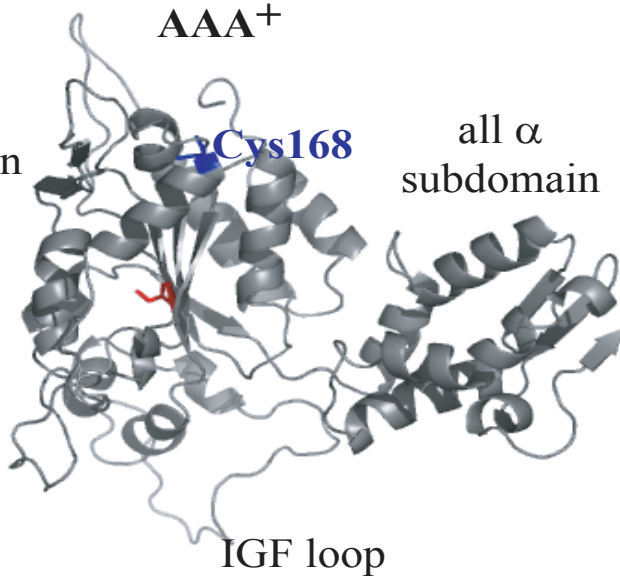
$\alpha\beta\alpha$   
subdomain

all  $\alpha$   
subdomain

**Cys246**

**Cys168**

IGF loop



**AAA<sup>+</sup> hexamer side view**

**Cys168**

**Cys246**

IGF loops

