

MX-513  
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### **REPORT ON PREVIOUS EXPERIMENTS**

We have collected data of one of the proteins of this next collection, E461K, with good results on december 2004(16-01-660) at a resolution of 3.2 Å. We solved the structure of this mutant of the chaperonin GroEL (798KDa) and we are now going to send the article so as to get it published.

We made some measurements with this protein on march 2005, to try to get a better resolution but we couldn't.

The aim of this next collection is to get data of this mutant with ATP and on the same hand, to get data of other proteins(Ksca, ClpB..)wich have not been measured yet in the synchrotron.

If you need additional information on previous experiments, don't hesitate to ask me for.