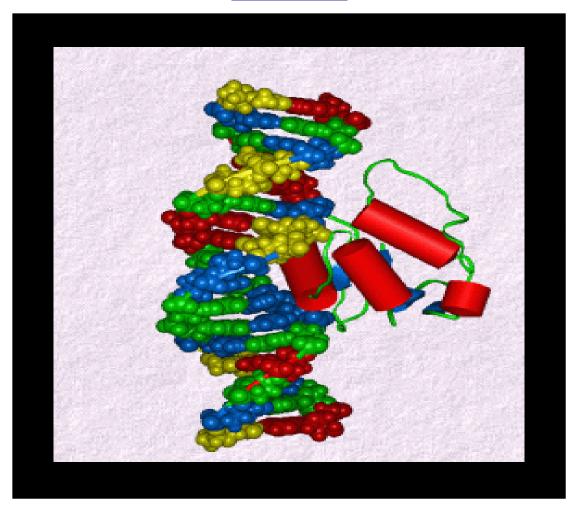
Restriction Enzymes



Heparanase = enzyme

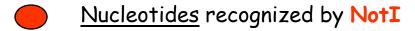


Problem: Is heparanase important in bone development?

<u>Hypothesis:</u> If heparanase is overexpressed, then bone formation will abnormal.

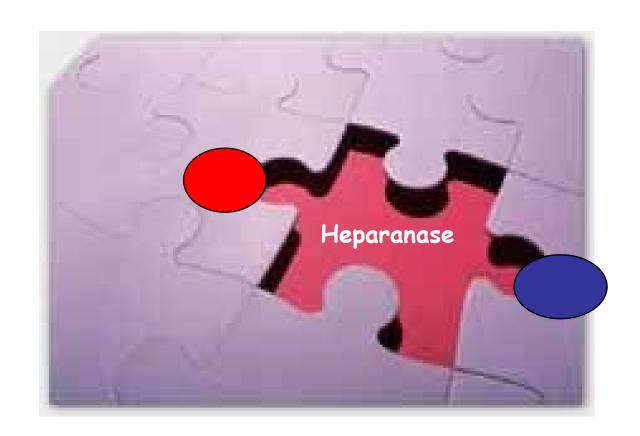
One way to find out, make a transgenic (can be an animal or plant that has a copy of the original gene which can be passed to offsrping) mouse that overexpresses heparanase only in the

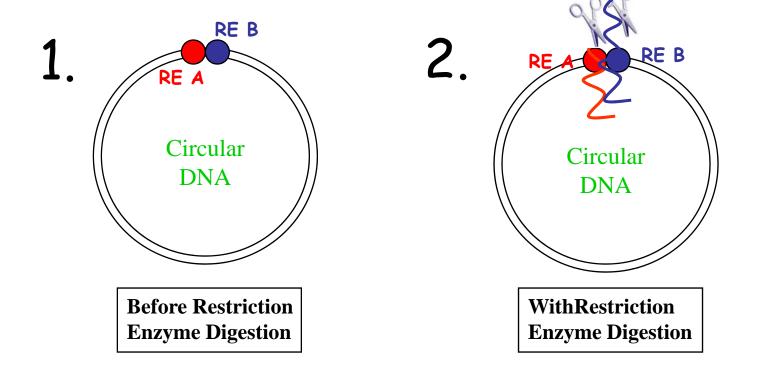






Restriction Enzymes







Agarose Gel: allows one to visualize DNA

