



STRUCTURAL BIOLOGY  
COMMUNICATIONS

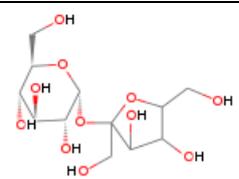
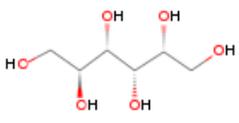
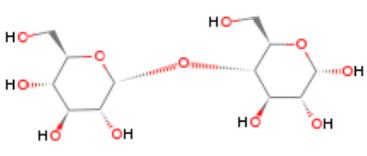
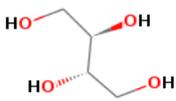
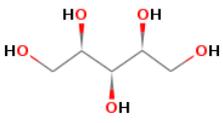
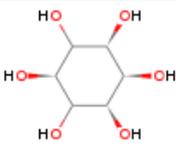
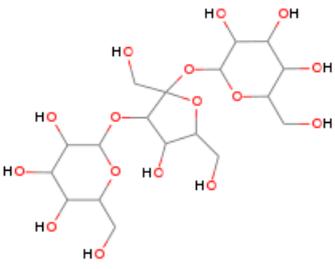
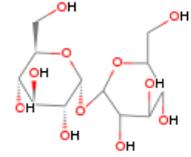
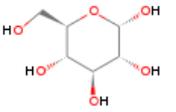
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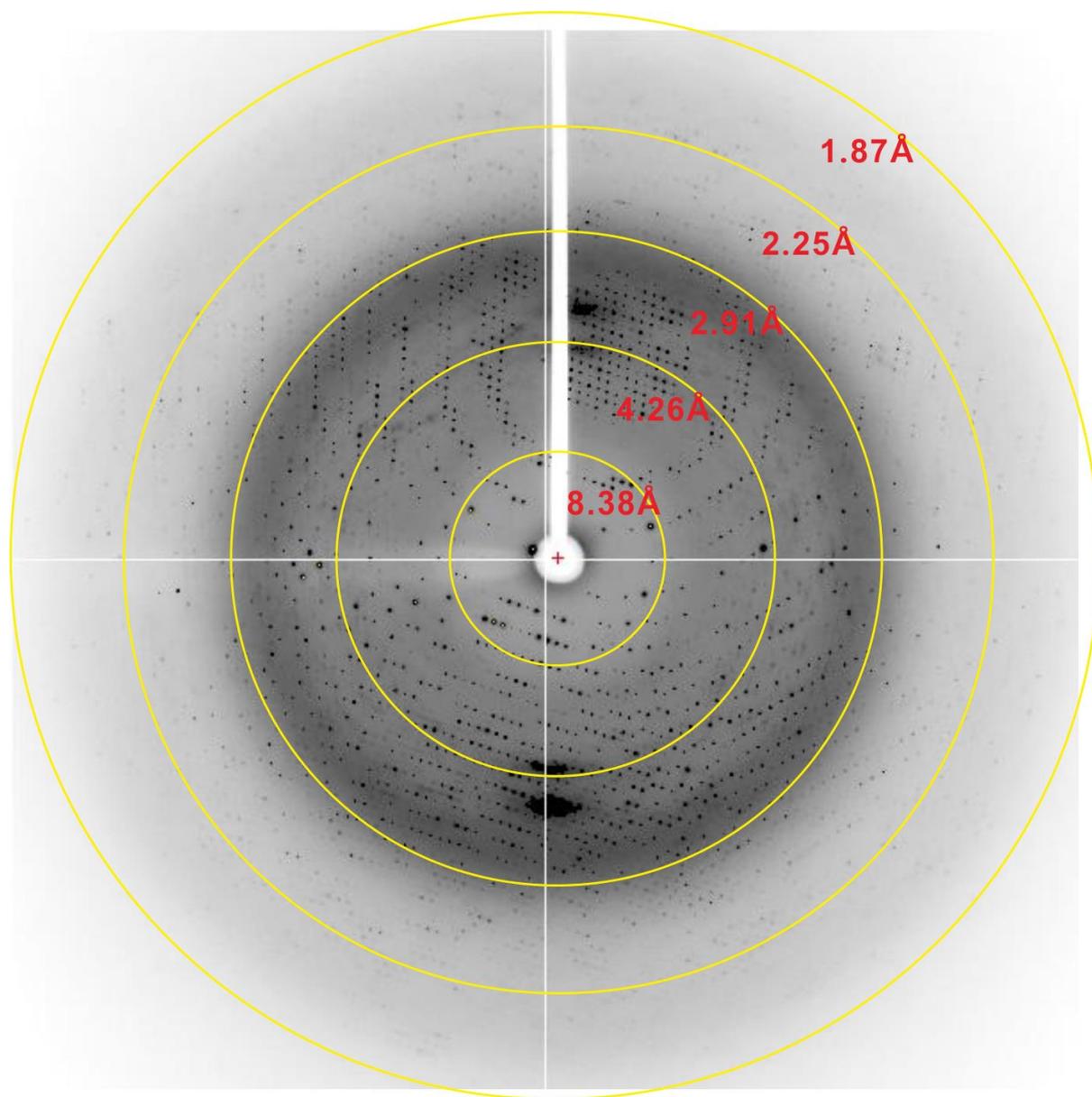
**Supporting information for article:**

**A cryoprotectant induces conformational change in  
glyceraldehyde-3-phosphate dehydrogenase**

**Yong Ju Kim**

**Table S1.** List of sugar cryoprotectants (CryoPro from Hampton Research)

Tube No.	Cryoprotectant	Mr	Formula	Structure (National institute of standards and technology)
25	Sucrose	342.30	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	
26	D-Sorbitol	182.17	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	
27	D-(+)-Maltose	342.30	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	
28	Meso-Erythritol	122.12	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>	
29	Xylitol	152.15	C <sub>5</sub> H <sub>12</sub> O <sub>5</sub>	
30	myo-Inositol	180.16	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	
31	D-(+)-Raffinose	504.44	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>	
32	Trehalose	342.30	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	
33	D-(+)-Glucose	180.16	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	



**Figure S1** X-ray diffraction pattern of an ecGAPDH crystal recorded on PAL 7A SB I.