



 $--- v \sin i_{\star} = 26.0 \text{ km/s}$

 $--- v \sin i_{\star} = 30.0 \text{ km/s}$

 $--- v \sin i_{\star} = 34.0 \text{ km/s}$

 $--- v \sin i_{\star} = 38.0 \text{ km/s}$

 $--- v \sin i_{\star} = 42.0 \text{ km/s}$

 $--- v \sin i_{\star} = 46.0 \text{ km/s}$

 $--- v \sin i_{\star} = 50.0 \text{ km/s}$

--- $v \sin i_{\star} = 54.0 \text{ km/s}$

 $--- v \sin i_{\star} = 58.0 \text{ km/s}$

 $--- v \sin i_{\star} = 62.0 \text{ km/s}$

 $v\sin i_{\star} = 2.6 \text{ km/s}$

Simulated

--- $v\sin i_* = 2.0 \text{ km/s}$

--- $v\sin i_* = 6.0 \text{ km/s}$

 $--- v \sin i_{\star} = 10.0 \text{ km/s}$

 $--- v \sin i_{\star} = 14.0 \text{ km/s}$

--- $v \sin i_* = 18.0 \text{ km/s}$

--- $v \sin i_* = 22.0 \text{ km/s}$