Scientific Achievement:
We determined the electronic band structure for FA$_{0.85}$Cs$_{0.15}$PbI$_{3-x}$Br$_x$ compositions.

Significance and Impact:
The bandgap-tunable FA$_{0.85}$Cs$_{0.15}$PbI$_{3-x}$Br$_x$, where $x = 0.0$ to $2.5$, is suitable for tandem configurations.

Research Details:
- Hybrid perovskite films of FA$_{0.85}$Cs$_{0.15}$PbI$_{3-x}$Br$_x$ are formed by the spin-coating method.
- The bandgap increases with an increase in Br content.
- Electronic band structure is determined for all $x = 0.0$ to $2.5$.

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Figure 1. Electronic band structure of FA$_{0.85}$Cs$_{0.15}$PbI$_{3-x}$Br$_x$. 