

mkg := avm & [FC luk, TP luk].
fc := mkg & [FC +].
non-tp := mkg & [TP -].
tp := mkg & [TP +].
non-fc := mkg & [FC -].
fc-only := fc & non-tp.
fc-+-tp := tp & fc.
unmkg := non-tp & non-fc.
tp-only := tp & non-fc.