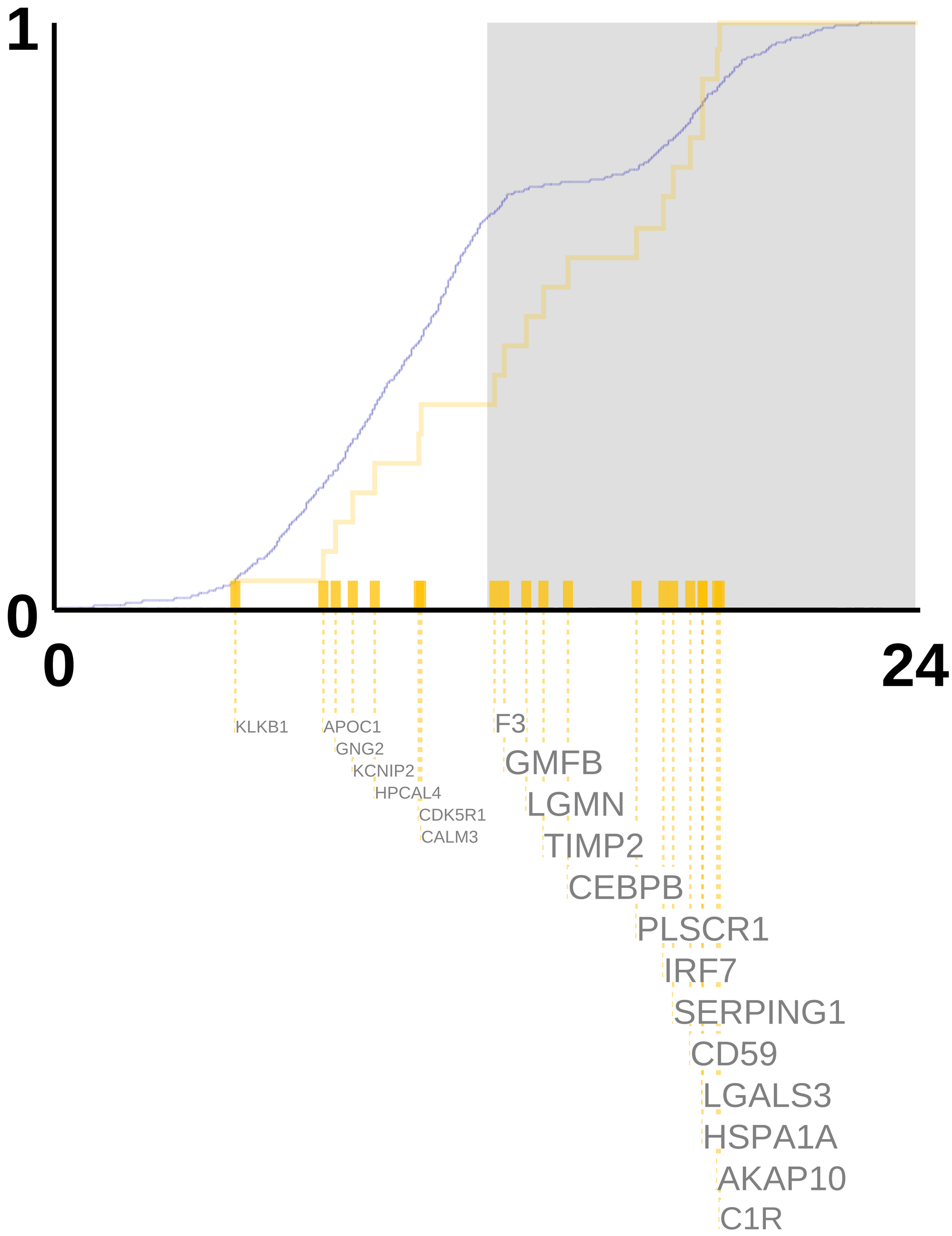HALLMARK_COMPLEMENT