Suppose you flip a fair coin four times. Let E be the event that you get at least three Heads, and let F be the event that the first flip is not Tails. What is the event that E occurs, but F does not?

(a) $\{THHH\}$

(b) $\{HHHH, HHHT, HHTH, HTHH, THHH\}$

(c) $\{HHHH, HHHT, HHTH, HTHH\}$

(d) $\{HHHT, HHTH, HTHH, THHH\}$

(e) $\{HHHT, HHTH, HTHH\}$

(f) $\{HHHH, TTTT, TTTH, TTHT, HTTT\}$

(g) $\{TTTT, TTTH, TTHT, HTTT\}$

(h) $\{HHHH, TTTH, TTHT, HTTT\}$

(i) $\{TTTH\}$

(j) $\{TTTT\}$

(k) $\{\}$

(l) None of these