Suppose you flip a fair coin four times. Let E be the event $\{HTHT, HTTT, TTTH\}$ and let F be the event $\{THTH, HTTT, TTTH\}$. Which of the following is the event that either E or F occurs, but not both?

(a) No two flips in a row give the same result.

(b) At least two Heads occur.

(c) At least two Tails occur.

(d) At least three Heads occur.

(e) At least three Tails occur.

(f) Two Heads and two tails occur.

(g) The sure event.

(h) The null event.

(i) The first and last flips are the same.

(j) The first and last flips are different.

(k) The second and third flips are different.

(l) None of these