Site_score filtering algorithm
input:  - worst_score: consensus site with lowest score
        - average: consensus sites average score
        - standard_dev: consensus sites standard deviation
        - scan_method: log-odds or entropy-weighted

function ValidSite(site_score, worst_score, average, standard_dev, scan_method)
1    found = false
2    min_val = min(worst_score, (average - standard_dev))
3    max_val = max(worst_score, (average - standard_dev))
4    if screen_method = log_odds then
5        if site_score > min_val then
6            found = true
7        end if
8    else // entropy_weighted
9        if site_score > max_val then
10           found = true
11    end if
12    end if
13    return found