A prime cluseter is defined in OeisWiki
It is a set of prime numbers.
see - http://oeis.org/wiki/Prime_constellations

List1
primes of the form p,p+12,p+14

5	17	19
17	29	31
29	41	43
47	59	61
59	71	73
89	101	103

List2
primes of the form p,p+88,P+102

61	149	163
79	167	181
109	197	211
139	227	241
181	269	283

The Maple computer algebra system was used for this calculation.
MCA