

S2 Table. Hormone levels in patients treated with AI in combination with GnRH α

No.	PFS	PD	Baseline		3 months		6 months		9 months		12 months		15 months		21 months	
			FSH	E2	FSH	E2	FSH	E2	FSH	E2	FSH	E2	FSH	E2	FSH	E2
1	1.3	Yes	6.3	22	-	-										
2	1.7	Yes	10.7	10	-	-										
3	2.0	Yes	8.7	11	15.2 ^{a)}	17 ^{a)}										
4	2.6	Yes	18.3	15	2.2 ^{a)}	10 ^{a)}										
5	3.0	Yes	52.3	< 10	43.7 ^{a)}	< 10 ^{a)}										
6	3.0	Yes	0.3	121	0.4 ^{a)}	95 ^{a)}										
7	5.2	Yes	5.5	152	-	-										
8	5.6	Yes	1.4	11	-	-										
9	5.9	Yes	2	< 10	4.2	< 10	5 ^{a)}	< 10 ^{a)}								
10	5.9	Yes	49.5	28	-	-										
11	6.4	Yes	14	9	2.5	13	-	-								
12	7.3	No	0.7	10	6.4	10	6.1	10								
13	7.4	No	5.7	87	68	105	-	-								
14	8.1	Yes	98.5	29	8.7	< 10	10.5	16	6.9 ^{a)}	< 10 ^{a)}						
15	8.2	Yes	30.5	41	-	-	-	-	-	-						
16	8.6	Yes	40.6	10	-	-	-	-	-	-						
17	11.5	Yes	6.1	158	-	-	-	-	-	-						
18	12.9	Yes	22.9	< 10	4.1	13	5.5	< 10	5.4	< 10	4.2 ^{a)}	< 10 ^{a)}				
19	13.3	Yes	4.2	348	10.9	33	12.2	4.8	7.7	< 10 [*]	9.6 ^{a)}	< 10 ^{a)}				
20	13.7	Yes	-	-	3.5	13	4.6	< 10	-	-	43.8 ^{a)}	< 10 ^{a)}				
21	14.0	No	1.4	< 10	2.7	< 10	9.3	< 10	7.2	< 10	7.3	< 10				
22	14.3	Yes	4.9	105	-	-	-	-	-	-	-	-				
23	16.0	Yes	23.3	23	-	-	6.1	< 10	-	-	10.2	35	19.8 ^{a)}	53 ^{a)}		
24	16.3	Yes	-	-	-	-	-	-	-	-	-	-	4.9 ^{a)}	14 ^{a)}		
25	16.4	Yes	2.7	< 10	3.8	11	8.3	30	9.1	25						
26	16.6	Yes	22.6	18	2.5	43	3	46	3.5	29	11.2 ^{a)}	71 ^{a)}				
27	17.9	Yes	11.4	161	9.6	44	11.7	48	10.9	65	8.8	28	10.3	19	8.2 ^{a)}	2 ^{a)}

28	21.0	Yes	1.9	41	3.1	36	3.7	40	4.6	13			32.5	69	9 ^{a)}	158 ^{a)}
29	21.7	Yes	6.8	< 10	-	-	6.8	< 10							6 ^{a)}	37 ^{a)}
30	21.8	Yes	111	< 10	137	< 10	94.8	< 10	131	18	87	< 10	15.9 ^{a)}	209 ^{a)}		
31	25.3	Yes	3.39	< 10	5.3	< 10	4.74	< 10	2.8	< 10	2.8	< 10	3.5	< 10	3.7	< 10
32	27.2	Yes	4.2	< 10	-	-	-	-	-	-	-	-	-	-	6.6 ^{a)}	42 ^{a)}
33	28.7	Yes	21.6	150	-	-	-	-	-	-	-	-	-	-	-	-
34	29.0	Yes	77.7	16	5.7	159	5	< 10	-	-	-	-	-	-	7.1 ^{a)}	< 10 ^{a)}
35	37.6	Yes	-	-	-	-	-	-	-	-	-	-	-	-	7.4 ^{a)}	49 ^{a)}
36	50.9	Yes	-	-	5.3	18	-	-	9.7	12	6.9	23	10.2	<10	-	-

AI, aromatase inhibitor; GnRHa, gonadotropin-releasing hormone agonist; PFS, progression free survival; PD, progressive disease; FSH, follicle stimulating hormone; E2, estradiol. ^{a)}Laboratory results at the time of disease progression, written in the nearest time point.