Addendum 5-1 Reproduction test of F1; Copulative confirmation- individual values continued

BPA 400mg/kg/day

Animal No.	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8		12/25	12/26
675	○																	
676	○																	
680	○																	
681	-	-	-	-	-	-	-	-	○									
685	-	-	-	○														
686	-	-	-	○														
690	-	-	-	-	○													
691	-	-	-	○														
695	-	-	○															
696	-	○																
700	-	-	○															
701	-	-	-	○														
705	-	○																
706	○																	
710	-	○																
711	-	-	-	-	-	-	-	-	-	-	-	-	○					
715	○																	
716	○																	

Addendum 5-1 Reproduction test of F1; Copulative confirmation- individual values
continued
EE 0.05mg/kg/day

Animal No.	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8		12/25	12/26
720	-	○																
721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
725	-	-	-	-	○													
726	-	-		○														
730	-	-	○															
731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
735	-	-	-	○														
736	-	-	-	○														
740	-	-	○															
741	-	-	○															
745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
746	-	-	-	-	-	-	-	-	-	-	○							
750	-	-	○															
751	-	○																
755	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○			
756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
762	-	-	○															
763	-	-	○															
767	-	○																

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values

Vehicle control															
Dam No.	503	508	509	513	514	518	519	523	524	528	529	533	534	538	539
Number of corpora lutea	15	20	16	17	16	19	18	14	17	18	15	19	19	14	22
Number of implantations	15	17	16	17	14	13	18	13	16	14	15	16	19	14	14
Number of pre-implant losses	0	3	0	0	2	6	0	1	1	4	0	3	0	0	8
Number of resorptions	0	0	2	2	1	0	2	1	2	1	0	1	1	1	1
Early resorptions	0	0	2	2	1	0	2	1	2	1	0	1	1	1	1
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	15	17	14	15	13	13	16	12	14	13	15	15	18	13	13
Live fetuses															
Sex ratio (male/female)	8 / 7	8 / 9	6 / 8	6 / 9	6 / 7	6 / 7	6 / 10	7 / 5	5 / 9	6 / 7	8 / 7	7 / 8	11 / 7	7 / 6	7 / 6
Body weights															
Male	3.5 ± 0.1	3.7 ± 0.2	4.1 ± 0.3	4.1 ± 0.3	4.1 ± 0.3	4.0 ± 0.2	4.2 ± 0.2	4.5 ± 0.4	3.8 ± 0.2	4.0 ± 0.1	4.1 ± 0.3	3.7 ± 0.2	3.8 ± 0.2	4.1 ± 0.2	4.0 ± 0.1
Female	3.2 ± 0.2	3.6 ± 0.1	3.7 ± 0.2	3.9 ± 0.2	4.1 ± 0.3	4.0 ± 0.2	4.1 ± 0.2	4.2 ± 0.3	3.9 ± 0.2	3.6 ± 0.2	3.9 ± 0.5	3.4 ± 0.2	3.7 ± 0.3	3.7 ± 0.2	3.9 ± 0.1
Placental weights															
Male	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.1	0.5 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.5 ± 0.0
Female	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.0	0.5 ± 0.0	0.5 ± 0.2	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.0	0.5 ± 0.0

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values

continued
BPA 0.005mg/kg/day

Dam No.	542	543	548	555	558	559	566	567	571	572	576	577
Number of corpora lutea	17	14	19	16	16	14	14	14	16	17	17	15
Number of implantations	17	14	19	16	13	9	13	14	16	16	16	15
Number of pre-implant losses	0	0	0	0	3	5	1	0	0	1	1	0
Number of resorptions	4	0	2	1	0	0	2	0	9	1	1	3
Early resorptions	4	0	2	1	0	0	2	0	9	1	1	3
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	13	14	17	15	13	9	11	14	7	15	15	12
Live fetuses												
Sex ratio (male/female)	3 / 10	7 / 7	6 / 11	10 / 5	5 / 8	2 / 7	5 / 6	8 / 6	5 / 2	8 / 7	9 / 6	7 / 5
Body weights												
Male	4.1 ± 0.1	4.1 ± 0.2	3.6 ± 0.2	4.2 ± 0.2	3.6 ± 0.1	6.0 ± 0.1	4.0 ± 0.2	4.0 ± 0.2	3.6 ± 1.5	3.9 ± 0.2	3.5 ± 0.2	3.9 ± 0.4
Female	4.0 ± 0.2	3.8 ± 0.1	3.4 ± 0.3	4.0 ± 0.3	3.5 ± 0.4	5.5 ± 0.4	4.0 ± 0.3	3.8 ± 0.2	4.4 ± 0.3	3.7 ± 0.2	3.5 ± 0.2	3.9 ± 0.2
Placental weights												
Male	0.5 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.0	0.6 ± 0.1	0.5 ± 0.0	0.4 ± 0.0	0.5 ± 0.2	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1
Female	0.5 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.6 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.1

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values
continued

BPA 0.05mg/kg/day Dam No.	582	583	586	587	592	595	596	600	601	605	606	610	611	615	616	620	621
Number of corpora lutea	14	17	16	15	13	16	16	19	15	17	16	19	17	17	20	18	18
Number of implantations	13	17	14	15	13	16	16	15	12	15	16	15	16	15	13	17	15
Number of pre-implant losses	1	0	2	0	0	0	0	4	3	2	0	4	1	2	7	1	3
Number of resorptions	0	4	0	1	0	1	1	0	0	3	3	2	0	1	1	3	1
Early resorptions	0	4	0	1	0	1	1	0	0	3	3	2	0	1	1	3	1
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	13	13	14	14	13	15	15	15	12	12	13	13	16	14	12	14	14
Live fetuses																	
Sex ratio (male/female)	6 / 7	6 / 7	10 / 4	7 / 7	7 / 6	9 / 6	8 / 7	10 / 5	3 / 9	7 / 5	9 / 4	8 / 5	8 / 8	8 / 6	3 / 9	7 / 7	9 / 5
Body weights																	
Male	4.1 ± 0.1	3.6 ± 0.2	4.3 ± 0.3	4.1 ± 0.3	3.9 ± 0.1	4.0 ± 0.3	4.2 ± 0.1	3.9 ± 0.2	4.4 ± 0.2	4.5 ± 0.2	4.0 ± 0.6	6.6 ± 0.4	4.1 ± 0.2	4.1 ± 0.1	4.2 ± 0.1	4.2 ± 0.2	3.9 ± 0.2
Female	3.8 ± 0.3	3.4 ± 0.2	4.2 ± 0.3	4.1 ± 0.3	3.6 ± 0.1	3.7 ± 0.3	4.0 ± 0.1	3.7 ± 0.3	4.2 ± 0.3	4.4 ± 0.3	3.9 ± 0.3	6.4 ± 0.6	3.9 ± 0.1	3.9 ± 0.1	3.8 ± 0.3	3.6 ± 0.3	3.7 ± 0.2
Placental weights																	
Male	0.4 ± 0.0	0.4 ± 0.1	0.5 ± 0.1	0.4 ± 0.1	0.5 ± 0.1	0.5 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.0	0.5 ± 0.0	0.5 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.5 ± 0.0	0.5 ± 0.0	0.5 ± 0.1	0.5 ± 0.1
Female	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.5 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.0	0.4 ± 0.1	0.5 ± 0.1

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values continued

BPA 40mg/kg/day

Dam No.	625	626	629	630	633	634	640	646	650	651	655	656	660	661	665	670
Number of corpora lutea	15	16	20	24	19	18	19	16	16	15	17	16	15	18	15	17
Number of implantations	15	15	16	17	16	14	17	15	13	14	17	14	15	18	14	16
Number of pre-implant losses	0	1	4	7	3	4	2	1	3	1	0	2	0	0	1	1
Number of resorptions	0	1	0	3	5	1	2	0	2	1	1	0	2	1	4	0
Early resorptions	0	1	0	3	5	1	2	0	2	1	1	0	2	1	4	0
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	15	14	16	14	11	13	15	15	11	13	16	14	13	17	10	16
Live fetuses																
Sex ratio (male/female)	10 / 5	9 / 5	7 / 9	6 / 8	6 / 5	7 / 6	7 / 8	7 / 8	4 / 7	2 / 11	10 / 6	9 / 5	4 / 9	7 / 10	4 / 6	10 / 6
Body weights																
Male	4.6 ± 0.1	4.4 ± 0.2	5.9 ± 0.3	3.8 ± 0.2	3.9 ± 0.3	4.2 ± 0.3	4.0 ± 0.2	3.3 ± 0.2	3.8 ± 0.3	4.3 ± 0.1	3.3 ± 0.5	4.1 ± 0.3	4.1 ± 1.1	4.4 ± 0.1	3.6 ± 0.5	4.6 ± 0.3
Female	4.3 ± 0.1	4.1 ± 0.2	5.4 ± 0.2	3.6 ± 0.4	3.7 ± 0.2	4.1 ± 0.2	3.5 ± 0.2	3.3 ± 0.2	3.6 ± 0.1	4.1 ± 0.3	3.4 ± 0.2	3.8 ± 0.2	4.3 ± 0.2	4.1 ± 0.2	3.5 ± 0.2	4.4 ± 0.4
Placental weights																
Male	0.5 ± 0.0	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.0	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.0	0.5 ± 0.1
Female	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.3 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.1	0.5 ± 0.0	0.5 ± 0.1

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values
continued

BPA 400mg/kg/day

Dam No.	675	676	680	681	686	690	691	695	696	700	701	705	706	710	711	715	716
Number of corpora lutea	17	28	17	21	15	14	16	23	17	17	15	22	15	19	19	17	19
Number of implantations	16	15	14	19	15	14	16	18	17	15	14	12	14	16	18	15	15
Number of pre-implant losses	1	13	3	2	0	0	0	5	0	2	1	10	1	3	1	2	4
Number of resorptions	0	1	1	0	0	2	0	0	0	2	0	3	1	0	1	1	0
Early resorptions	0	1	1	0	0	2	0	0	0	2	0	3	1	0	1	1	0
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	16	14	13	19	15	12	16	18	17	13	14	9	13	16	17	14	15
Live fetuses																	
Sex ratio (male/female)	12 / 4	4 / 10	5 / 8	11 / 8	9 / 6	5 / 7	10 / 6	6 / 12	8 / 9	6 / 7	7 / 7	5 / 4	4 / 9	5 / 11	6 / 11	6 / 8	6 / 9
Body weights																	
Male	3.8 ± 0.5	3.9 ± 0.0	3.6 ± 0.3	3.2 ± 0.2	3.6 ± 0.2	3.8 ± 0.3	4.3 ± 0.2	3.8 ± 0.3	3.6 ± 0.3	4.4 ± 0.2	3.9 ± 0.2	3.8 ± 0.2	4.3 ± 0.3	3.7 ± 0.3	4.0 ± 0.2	4.3 ± 0.1	3.8 ± 0.5
Female	3.7 ± 0.1	3.7 ± 0.2	3.6 ± 0.2	3.0 ± 0.2	3.3 ± 0.2	3.7 ± 0.2	3.9 ± 0.2	3.5 ± 0.2	3.6 ± 0.2	4.1 ± 0.3	3.9 ± 0.3	3.6 ± 0.2	4.0 ± 0.2	3.6 ± 0.3	3.7 ± 0.2	4.0 ± 0.3	3.6 ± 0.1
Placental weights																	
Male	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.0	0.5 ± 0.0	0.4 ± 0.0	0.4 ± 0.1	0.5 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.5 ± 0.0	0.5 ± 0.1	0.8 ± 0.2	0.5 ± 0.1	0.4 ± 0.0	0.5 ± 0.0	0.5 ± 0.0	0.4 ± 0.1
Female	0.4 ± 0.0	0.4 ± 0.1	0.5 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.5 ± 0.0	0.5 ± 0.1	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.5 ± 0.1	0.7 ± 0.2	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0

Addendum 5-2 Reproduction test of F1; fertility and general reproductive performance - individual values continued

EE 0.05mg/kg/day

Dam No.	720	721	725	728	730	735	736	740	741	750	751	755	756	762	763	767
Number of corpora lutea	13	20	21	19	18	16	23	15	18	17	16	19	15	16	25	15
Number of implantations	12	18	13	17	16	14	14	15	14	15	16	12	12	15	15	13
Number of pre-implant losses	1	2	8	2	2	2	9	0	4	2	0	7	3	1	10	2
Number of resorptions	1	1	3	5	0	0	0	0	1	1	0	1	0	1	1	1
Early resorptions	1	1	3	5	0	0	0	0	1	1	0	1	0	1	1	1
Late resorptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead fetuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of live fetuses	11	17	10	12	16	14	14	15	13	14	16	11	12	14	14	12
Live fetuses																
Sex ratio (male/female)	7 / 4	9 / 8	8 / 2	9 / 3	8 / 8	12 / 2	8 / 6	5 / 10	7 / 6	4 / 10	11 / 5	6 / 5	2 / 10	7 / 7	8 / 6	5 / 7
Body weights																
Male	4.5 ± 0.2	5.5 ± 0.6	3.6 ± 0.2	3.7 ± 0.3	3.7 ± 0.3	3.5 ± 0.2	3.6 ± 0.3	5.8 ± 0.2	4.4 ± 0.4	4.2 ± 0.2	4.1 ± 0.2	3.7 ± 0.2	6.7 ± 0.5	4.3 ± 0.2	3.8 ± 0.3	4.2 ± 0.7
Female	4.3 ± 0.2	5.6 ± 0.2	3.5 ± 0.2	3.3 ± 0.4	3.6 ± 0.2	3.3 ± 0.2	3.3 ± 0.5	5.0 ± 0.9	4.2 ± 0.2	3.9 ± 0.1	3.8 ± 0.4	3.2 ± 0.5	6.5 ± 0.4	3.5 ± 0.4	3.6 ± 0.3	4.2 ± 0.2
Placental weights																
Male	0.5 ± 0.0	0.4 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.6 ± 0.1	0.4 ± 0.0	0.5 ± 0.1	0.7 ± 0.1	0.3 ± 0.0	0.5 ± 0.1	0.5 ± 0.0	0.4 ± 0.1
Female	0.5 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.0	0.4 ± 0.1	0.4 ± 0.1	0.5 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.8 ± 0.3	0.4 ± 0.0	0.5 ± 0.1	0.4 ± 0.0	0.4 ± 0.0

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age

Vehicle control

Animal No.	A	B	C
	Length (mm)		
505	1.36	1.32	10.15
515	1.02	0.96	9.57
520	1.37	1.10	11.09
525	1.38	1.22	9.20
530	1.29	0.99	9.54
535	1.20	1.26	11.33
Mean	1.27	1.14	10.15
S.D.	0.14	0.15	0.88
n	6	6	6

A; Size of urethral slit(mm)
B; Distance between tip of phallus and urethral orifice(mm)
C; Distance between urethral orifice and vagina(mm)

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age continued

BPA 0.005mg/kg/day

Animal No.	A	B	C
	Length (mm)		
544	1.41	1.06	10.43
550	1.51	1.67	9.85
560	1.27	1.00	11.49
568	1.24	1.11	11.06
573	1.12	1.29	10.42
578	1.24	1.19	10.49
Mean	1.30	1.22	10.62
S.D.	0.14	0.24	0.57
n	6	6	6

A; Size of urethral slit(mm)

B; Distance between tip of phallus and urethral orifice(mm)

C; Distance between urethral orifice and vagina(mm)

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age continued

BPA 0.05mg/kg/day

Animal No.	A	B	C
	Length (mm)		
588	1.53	1.11	12.27
597	1.08	1.16	10.98
602	1.39	1.09	9.70
607	1.12	1.27	11.15
612	1.37	1.05	10.84
617	1.47	1.05	11.45
622	1.38	1.40	11.13
Mean	1.33	1.16	11.07
S.D.	0.16	0.14	0.61
n	7	7	7

A; Size of urethral slit(mm)

B; Distance between tip of phallus and urethral orifice(mm)

C; Distance between urethral orifice and vagina(mm)

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age continued

BPA 40mg/kg/day

Animal No.	A	B	C
		Length (mm)	
635	1.59	1.08	11.34
642	0.93	1.23	10.26
647	1.11	1.15	11.87
652	1.19	1.46	11.23
657	0.99	1.17	10.13
662	1.29	1.27	8.57
667	0.99	1.05	10.90
672	1.20	1.31	10.70
Mean	1.16	1.22	10.63
S.D.	0.21	0.13	1.01
n	8	8	8

A; Size of urethral slit(mm)

B; Distance between tip of phallus and urethral orifice(mm)

C; Distance between urethral orifice and vagina(mm)

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age continued

BPA 400mg/kg/day

Animal No.	A	B	C
	Length (mm)		
677	1.45	1.32	11.19
682	1.38	1.06	9.69
687	0.93	0.80	10.42
692	1.28	1.21	10.56
697	0.79	0.84	9.92
702	1.24	1.11	10.09
707	1.37	1.29	11.51
712	0.80	0.86	9.06
717	1.40	1.37	9.27
Mean	1.18	1.10	10.19
S.D.	0.27	0.22	0.82
n	9	9	9

A; Size of urethral slit(mm)

B; Distance between tip of phallus and urethral orifice(mm)

C; Distance between urethral orifice and vagina(mm)

Addendum 6 Morphometry of the female external genitalia at 10 weeks of age continued

EE 0.05mg/kg/day

Animal No.	A	B	C
	Length (mm)		
722	1.61	1.46	8.37
727	2.06	2.07	7.69
732	1.70	1.59	8.91
737	1.55	1.83	6.71
742	1.51	1.70	8.34
747	2.87	3.01	5.13
752	1.59	1.78	9.04
757	1.52	1.65	8.69
764	1.72	2.06	8.38
Mean	1.79	1.19	7.92
S.D.	0.44	0.46	1.26
n	9	9	9

A; Size of urethral slit(mm)

B; Distance between tip of phallus and urethral orifice(mm)

C; Distance between urethral orifice and vagina(mm)

Addendum 7-1 Serum T3 & T4 of male offspring at 10 weeks of age - individual values

Exp. Group (mg/kg/day)	Animale No.	T4 nmol/L	T3 nmol/L	FT4 pmol/L	FT3 pmol/L
Vehicle control	105	77.47	0.44	9.28	3.97
	111	101.80	0.66	12.62	5.05
	120	76.28	0.52	7.95	3.98
	125	69.14	0.43	8.08	4.68
	130	71.01	0.63	8.71	4.85
	135	85.77	0.62	9.83	4.26
	141	74.54	0.65	7.85	4.63
BPA 0.005	146	66.01	0.40	7.62	3.40
	157	73.76	0.46	8.57	4.41
	166	78.87	0.55	8.67	4.74
	179	75.40	0.98	8.67	5.74
	184	61.86	0.40	6.76	3.69
	189	75.39	0.53	8.92	4.35
BPA 0.05	198	60.97	0.48	6.99	4.11
	204	79.38	0.81	8.87	5.22
	209	79.28	0.93	7.85	5.76
	215[a)]	-	-	-	-
	220	76.82	0.64	10.63	4.50
	225	77.97	0.44	8.77	4.48
	230	64.74	0.45	7.55	3.73
	235	51.73	0.42	5.37	4.20
	240	90.01	0.77	11.92	5.55
	245	61.83	0.56	7.72	4.02
BPA 40	251	67.28	0.22	8.37	4.14
	257	66.33	0.80	8.64	5.03
	262	67.12	0.40	7.12	3.91
	269	75.86	0.47	9.22	3.78
	274	81.43	0.44	10.87	4.36
	279	75.78	0.73	8.22	5.34
	284	82.69	0.71	10.14	5.60
	289	72.82	0.55	8.31	4.33
	294	73.96	0.77	8.19	5.68
BPA 400	299	76.25	0.42	8.84	4.13
	304	60.33	0.47	6.82	4.17
	309	60.97	0.48	6.50	4.29
	314	75.56	0.57	9.52	4.79
	319	71.95	0.49	7.42	4.72
	324	77.60	0.60	8.42	4.46
	329	80.58	0.75	8.43	5.42
	334	67.87	0.65	7.96	4.62
	339	66.36	0.69	6.98	5.28
EE 0.05	344	67.98	0.44	8.21	4.54
	349	63.73	0.50	7.18	4.14
	354	60.87	0.50	6.57	3.93
	359	72.15	0.48	9.43	4.62
	364	82.52	0.52	8.41	4.40
	369	83.72	0.60	8.21	4.78
	374	76.09	0.78	9.04	6.42
	379	74.59	0.61	7.69	4.50
	389	80.90	0.52	8.98	4.70

a) The data of ID-No.215 were missing

Addendum 7-2 Serum T3 & T4 of female offspring at 10weeks of age - individual values

Exp.group (mg/kg/day)	Animale No.	T4 nmol/L	T3 nmol/L	FT4 pmol/L	FT3 pmol/L
Vehicle control	505	48.35	0.40	4.85	4.30
	515	64.29	0.70	6.46	4.10
	520	56.51	0.59	6.25	4.87
	525	58.48	0.51	6.89	4.75
	530	71.82	0.79	8.25	5.30
	535	51.66	0.52	5.67	4.37
BPA 0.005	544	52.51	0.53	6.21	4.34
	550	49.64	0.67	5.60	5.43
	560	37.86	0.57	4.23	3.86
	568	64.11	0.41	7.05	3.99
	573	56.48	0.61	5.74	5.00
	578	62.79	0.94	7.63	5.09
BPA 0.05	588	66.28	0.72	7.72	5.12
	597	69.80	0.36	9.90	5.36
	602	65.77	0.66	8.57	4.72
	607	61.67	0.59	6.60	5.73
	612	55.68	0.50	6.80	4.58
	617	70.23	0.74	8.20	4.97
	622	69.30	0.61	9.07	4.67
BPA 40	635	48.26	0.58	5.16	4.54
	642	63.36	0.55	6.91	4.98
	647	71.16	0.55	7.40	4.82
	652	61.97	0.73	6.94	5.03
	657	65.48	0.72	7.34	4.75
	662	77.31	0.61	8.61	5.08
	667	47.11	0.67	5.07	4.85
	672[a)]	44.85	–	–	–
BPA 400	677	49.36	0.51	5.73	4.24
	682	37.29	0.56	3.57	4.82
	687	41.78	0.48	4.54	3.93
	692	43.42	0.50	5.37	4.02
	697	64.51	0.47	7.71	4.72
	702	24.94	0.68	2.71	5.57
	707	53.90	0.56	6.32	4.62
	712	73.77	0.72	9.26	5.06
	717	54.54	0.57	6.42	5.18
EE 0.05	722	53.04	0.69	6.10	6.26
	727	56.36	0.54	5.88	5.06
	732	69.70	0.96	8.56	6.61
	737	55.54	0.61	6.51	4.92
	742	77.44	0.78	9.03	4.63
	747	50.83	0.74	5.48	5.81
	752	62.94	0.72	6.61	5.68
	757	65.77	0.85	6.60	5.37
	764	49.55	0.68	5.43	4.43

a) Lack of quantity

Addendum 8-1 Estrus cycle - individual findings following the time course at 3 months

Vehicle control

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		Irregular estrus cycle
501	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
502	M	D	D	E	M	D	P	E	M	D	D	E	M	D	N	-
506	P	E	M	D	P	E	M	D	P	E	M	D	P	E	N	-
507	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
510	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
511	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-
512	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
516	D	D	E	M	D	P	P	E	M	D	D	D	E	M	N	-
517	D	D	E	M	D	P	E	M	D	P	E	M	D	D	N	-
521	M	D	D	E	M	D	P	E	M	D	P	E	M	D	N	-
522	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
526	D	D	E	M	D	P	E	M	D	P	E	M	D	D	N	-
527	D	E	M	D	D	E	M	D	D	E	M	D	P	E	N	-
531	M	D	D	E	M	D	P	E	M	D	D	E	M	D	N	-
532	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
536	dead (13wk)															
537	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-

Normal cycle	16/16
Irregular cycle	0/16
PD	0/16
CD	0/16
PE	0/16
CE	0/16

Addendum 8-1 Estrus cycle - individual findings following the time course at 3 months continued

BPA 0.005mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		Irregular estrus cycle
540	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
541	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-
545	D	P	E	M	D	P	E	M	D	D	E	M	D	D	N	-
546	D	E	M	D	P	D	D	E	M	D	D	E	M	D	Ireg.	+
547	E	M	D	D	E	M	D	P	E	M	D	D	E	M	N	-
551	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
552	M	D	D	D	P	E	M	D	D	E	M	D	D	D	Ireg.	+
553	P	E	M	D	D	E	M	D	D	E	M	D	P	E	N	-
554	D	D	E	M	D	D	E	M	D	D	E	M	D	P	N	-
556	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N	-
557	D	P	E	M	D	D	E	M	D	D	D	E	M	D	N	-
561	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
562	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
563	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
564	M	D	D	E	M	D	D	E	M	D	P	E	M	D	N	-
565	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
569	D	D	E	M	D	P	E	M	D	D	E	M	D	P	N	-
570	D	P	E	M	D	D	E	M	D	D	E	M	D	P	N	-
574	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
575	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-

Normal cycle	18/20
Irregular cycle	2/20
PD	0/20
CD	0/20
PE	0/20
CE	0/20

Addendum 8-1 Estrus cycle - individual findings following the time course at 3 months continued

BPA 0.05mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		Irregular estrus cycle
579	D	D	E	M	D	P	E	M	D	D	E	M	D	P	N	-
580	P	E	M	D	P	E	M	D	D	E	M	D	D	E	N	-
581	D	D	E	M	D	D	E	M	D	P	E	M	D	D	N	-
584	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
585	E	M	D	P	E	M	D	D	E	M	D	D	E	M	N	-
589	D	P	E	M	D	P	E	M	D	D	E	M	D	P	N	-
590	D	P	E	M	D	P	E	M	D	D	E	M	D	P	N	-
593	D	P	E	M	D	P	E	M	D	D	E	M	D	P	N	-
594	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
598	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
599	D	P	E	M	D	D	E	M	D	D	E	M	D	P	N	-
603	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N	-
604	D	P	E	M	D	P	E	M	D	D	E	M	D	D	N	-
608	E	M	D	D	D	E	M	D	D	D	D	D	D	D	PD	+
609	M	D	D	E	M	D	D	D	E	M	D	D	D	D	Ireg.	+
613	P	E	M	D	D	E	M	D	D	E	M	D	P	E	N	-
614	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
618	D	P	E	M	D	P	E	M	D	D	E	M	D	P	N	-
619	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-

Normal cycle	17/19
Irregular cycle	1/19
PD	1/19
CD	0/19
PE	0/19
CE	0/19

Addendum 8-1 Estrus cycle - individual findings following the time course at 3 months continued
BPA 40mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		Irregular estrus cycle
623	D	D	D	D	D	E	M	D	D	E	M	D	D	E	PD	+
624	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-
627	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-
628	D	P	E	M	D	P	E	M	D	P	E	M	D	D	N	-
631	D	D	D	D	D	E	M	D	D	D	E	M	D	D	PD	+
632	M	D	D	E	M	D	D	E	M	D	P	E	M	D	N	-
636	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
637	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
638	D	P	E	M	D	D	D	D	D	D	D	D	D	D	CD	+
639	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
643	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
644	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N	-
648	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
649	P	E	M	D	P	E	M	D	D	E	M	D	P	E	N	-
653	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
654	D	P	E	M	D	D	E	M	D	D	E	M	D	D	N	-
658	D	P	E	M	D	D	E	M	D	D	E	M	D	D	N	-
659	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
663	E	M	D	D	E	M	D	P	E	M	D	D	E	M	N	-
664	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-
666	P	E	M	D	D	E	M	D	P	E	M	D	D	E	N	-
668	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
669	D	E	M	D	P	E	M	D	D	E	M	D	D	E	N	-
671	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N	-

Normal cycle	21/24
Irregular cycle	0/24
PD	2/24
CD	1/24
PE	0/24
CE	0/24