



I-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	E	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	P	E	M	D	P	E	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  
Irregular cycle

PD  
CD  
PE  
CE

18/20
2/20
0/20
0/20
0/20



I-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	EE	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	D	M	D	D	E	M	D	P	E	M	D	N
636	D	D	M	D	D	E	M	D	D	E	M	D	D	EE	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	EE	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	D	EE	N
653	E	M	D	D	E	M	D	D	E	M	D	D	D	EM	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	D	E	M	D	D	D	EM	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	EE	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	EE	N
671	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

21/24  
0/24  
2/24  
1/24  
0/24  
0/24

I-Addendum 8-1 Estrus cycle - individual findings following the time course at 3 months  
continued  
BPA 400mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle
673	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
674	M	M	D	D	E	M	D	D	D	E	M	D	D	D	N
678	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
679	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
683	M	D	D	D	E	M	D	D	D	E	M	D	D	P	Ireg.
684	E	M	D	D	E	M	D	D	E	M	D	D	D	E	N
688	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N
689	D	D	E	M	D	P	E	M	D	P	E	M	D	P	N
693	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
694	P	E	M	D	E	M	D	D	E	M	D	D	E	D	N
698	M	D	P	E	M	D	E	M	D	P	E	M	D	D	N
699	P	E	M	D	P	E	M	D	P	E	M	D	D	D	N
703	M	D	D	E	M	D	D	E	M	D	P	E	M	D	N
704	E	E	E	E	E	E	E	E	E	E	E	E	E	E	CE
708	D	M	D	D	E	M	D	D	D	D	D	D	E	M	PD
709	D	D	E	M	D	D	E	M	D	D	E	M	M	D	N
713	M	D	P	E	M	D	D	E	M	D	P	E	M	D	N
714	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
															15/18
															1/18
															1/18
															0/18
															0/18
															1/18

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

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

continued

EE 0.05mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle
718	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N
719	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
723	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
724	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
728	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N
729	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N
733	E	E	M	D	D	E	P	D	D	D	D	D	D	D	PD
734	M	D	D	D	E	M	D	D	D	E	M	D	D	D	N
738	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N
739	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
743	M	D	D	D	D	D	P	D	D	D	D	D	D	D	PD
744	M	D	D	E	M	D	D	D	D	E	M	D	D	D	Ireg.
748	P	E	M	D	E	M	D	E	M	D	D	E	M	D	N
749	M	D	P	E	M	D	D	E	M	D	D	D	D	E	N
753	D	D	D	D	D	E	M	D	D	E	M	D	D	E	PD
754	P	E	M	D	P	E	M	D	P	E	M	D	D	E	N
758	D	D	D	D	D	D	E	M	D	P	E	M	D	D	PD
759	E	M	D	D	E	M	D	D	D	E	M	D	D	E	N
760	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N
761	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
765	E	M	D	D	E	M	D	D	D	E	M	D	D	D	N
766	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

14/22  
1/22  
4/22  
3/22  
0/22  
0/22

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 months

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

  

Normal cycle	10/16
Irregular cycle	3/16
	2/16
	1/16
	0/16
	0/16

  

PD
CD
PE
CE

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 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	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
541	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
545	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
546	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
547	D	E	M	D	D	D	E	M	D	D	E	M	D	D	N
551	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
552	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
553	D	D	E	M	D	D	E	M	D	D	E	M	D	D	PD
554	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
556	E	M	D	D	E	M	D	D	E	M	D	D	E	D	N
557	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
561	D	E	M	D	D	E	M	D	D	E	M	D	D	E	PD
562	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
563	E	M	D	D	E	M	D	D	E	M	D	D	E	D	N
564	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
565	M	D	D	D	E	M	D	D	E	M	D	D	E	M	N
569	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
570	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
574	D	D	E	M	D	D	E	M	D	P	E	M	D	D	N
575	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
										Normal cycle					17/20
										Irregular cycle					0/20
													PD		0/20
													CD		2/20
													PE		1/20
													CE		0/20
															0/20

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 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	M	D	D	E	M	D	D	D	E	M	D	D	D	E	N
580	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
581	D	D	D	E	M	D	E	M	D	D	D	E	M	D	N
584	D	E	D	D	D	E	D	D	D	E	M	D	D	E	N
585	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
589	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
590	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
593	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
594	D	E	D	E	M	D	E	M	D	D	E	M	D	D	N
598	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
599	M	D	D	E	M	D	E	M	D	D	E	M	D	D	N
603	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
604	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
608	M	D	D	D	D	D	D	D	D	E	M	D	D	D	N
609	D	D	E	M	D	D	D	D	E	M	D	D	E	M	PD
613	D	D	E	M	D	D	E	M	D	P	E	M	D	P	Irreg.
614	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
618	D	D	D	E	M	D	D	E	M	D	P	E	M	D	N
619	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
											Normal cycle				17/19
											Irregular cycle				1/19
															1/19
															0/19
															0/19
															0/19

PD  
CD  
PE  
CE

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 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	E	M	D	D	E	M	D	D	E	M	D	D	N
624	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
627	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
628	M	D	D	D	E	M	D	E	M	D	D	E	D	E	N
631	M	D	D	D	E	M	D	E	M	D	D	E	D	E	N
632	E	M	D	D	E	M	D	E	M	D	D	E	D	E	N
636	E	M	D	D	E	M	D	D	P	D	D	E	M	D	Irreg.
637	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
638	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
639	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
643	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
644	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
648	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
649	D	D	E	M	D	D	D	D	D	D	D	D	D	D	CD
653	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
654	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
658	D	D	D	D	E	M	D	E	M	D	D	E	M	D	N
659	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
663	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
664	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
666	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N
668	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
669	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
671	M	D	D	E	M	D	D	E	M	D	P	E	M	D	N

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 months

continued

BPA 400mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle
673	D	D	D	D	E	M	D	D	D	E	M	D	D	E	N
674	D	D	D	E	M	D	D	D	E	M	D	D	D	E	N
678	E	M	D	D	E	M	D	D	D	D	D	D	D	D	PD
679	E	M	D	D	E	M	D	D	P	E	M	D	D	D	N
683	D	D	D	D	E	M	M	D	P	E	M	D	D	D	N
684	D	E	M	D	D	E	M	D	D	E	M	D	P	E	N
688	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
689	D	D	D	E	M	D	D	E	M	D	D	E	E	M	N
693	D	E	M	D	D	D	D	E	M	D	D	D	E	M	N
694	D	E	M	D	D	D	E	M	D	D	D	D	E	M	Ireg.
698	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
699	D	D	D	D	D	D	D	D	D	D	D	D	D	D	N
703	E	M	D	D	E	M	D	D	E	M	D	D	E	M	CD
704	D	P	D	D	D	E	M	D	D	D	D	D	E	M	N
708	D	E	M	D	D	E	M	D	E	M	D	D	D	E	PD
709	D	D	D	E	M	D	D	E	M	D	P	E	M	D	N
713	E	M	D	D	D	D	D	D	D	D	D	E	E	M	CD
714	M	D	D	E	M	D	D	E	M	D	D	E	E	M	N
											Normal cycle				13/18
											Irregular cycle				1/18
															2/18
															2/18
															0/18
															0/18

PD  
CD  
PE  
CE

I-Addendum 8-2 Estrus cycle - individual findings following the time course at 4 months

continued

EE 0.05mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle
718	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
719	M	D	D	E	M	D	D	E	M	D	E	P	M	D	N
723	D	D	D	D	D	D	D	D	D	D	D	P	D	D	CD
724	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
728	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
729	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
733	D	E	M	D	D	E	M	D	D	E	M	D	D	D	N
734	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
738	E	M	D	D	E	M	D	D	E	M	M	D	D	E	N
739	D	D	E	M	D	D	E	M	D	D	E	M	P	D	N
743	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
744	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
748	E	M	D	D	E	M	D	D	E	M	D	P	E	M	N
749	D	D	D	E	M	D	D	E	M	M	D	E	M	D	N
753	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
754	D	D	D	D	D	E	M	D	D	D	D	D	E	M	PD
758	D	D	D	E	M	D	D	D	D	D	D	D	D	D	PD
759	D	D	E	M	D	D	D	E	M	D	D	D	D	D	PD
760	D	D	E	M	D	P	E	M	D	D	E	M	D	D	N
761	D	E	M	D	D	E	M	D	P	E	M	D	D	E	N
765	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
766	E	M	D	D	D	E	M	D	D	D	E	M	D	D	N

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

13/22  
0/22  
3/22  
6/22  
0/22  
0/22

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 months

Vehicle control

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

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 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	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
541	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
545	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
546	P	E	M	D	D	D	D	D	D	D	D	D	D	D	CD
547	M	D	D	E	M	D	D	D	E	M	D	D	E	M	N
551	D	D	D	D	E	M	D	D	D	E	M	D	D	D	N
552	D	D	D	D	D	D	D	D	E	M	D	D	D	D	N
553	D	E	E	E	M	D	D	E	E	M	D	E	M	D	PD
554	E	M	D	D	E	M	D	D	E	M	D	D	D	D	PE
556	D	E	M	D	D	D	D	D	D	E	M	D	D	D	Ireg.
557	M	D	D	D	D	E	M	D	D	D	D	D	D	D	PD
561	D	P	E	M	D	D	E	M	D	D	D	D	D	D	PD
562	B	D	D	E	M	D	D	E	M	D	D	D	D	D	PD
563	D	E	M	D	D	E	M	D	D	E	M	D	D	D	dead (25wk)
564	D	E	M	D	D	E	M	D	D	E	M	D	D	D	dead (25wk)
565	D	D	E	M	D	D	E	M	D	D	D	D	D	D	N
569	D	D	E	M	D	D	E	M	D	D	D	D	D	D	N
570	E	M	D	D	E	M	D	D	E	M	D	D	E	M	PD
574	M	D	D	E	M	D	D	E	M	D	D	D	E	M	N
575	P	E	M	D	D	E	M	D	D	E	M	D	D	D	N

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

11/19
1/19
5/19
1/19
1/19
0/19

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 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	D	E	M	D	D	E	M	D	D	N
580	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N
581	E	M	D	E	M	D	D	E	M	D	D	E	M	D	N
584	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
585	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
589	D	D	D	E	M	D	D	E	M	D	D	E	M	D	PD
590	E	M	D	E	M	D	D	E	M	D	D	E	M	D	N
593	E	M	D	E	M	D	D	E	M	D	D	E	M	D	N
594	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
598	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
599	E	M	D	E	M	D	D	E	M	D	D	E	M	D	N
603	D	E	M	D	E	M	D	D	E	M	D	D	E	M	N
604	E	M	D	E	M	D	D	E	M	D	D	E	M	D	N
608	D	D	D	D	D	D	D	E	M	D	D	D	D	D	PD
609	E	E	M	D	D	D	D	E	M	D	D	E	M	D	Ireg.
613	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
614	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
618	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
619	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
										Normal cycle					15/19
										Irregular cycle					1/19
															2/19
															1/19
															0/19
															0/19

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 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	E	M	D	D	E	M	D	D	E	M	N	-
624	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
627	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
628	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
631	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
632	D	D	E	M	D	D	E	M	D	P	E	M	D	N	-
636	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
637	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
638	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
639	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
643	M	D	D	E	M	M	D	E	M	D	D	E	M	N	-
644	D	E	M	D	D	E	M	D	D	E	M	D	P	N	-
648	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
649	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
653	D	D	E	M	M	D	E	M	D	D	E	M	D	N	-
654	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
658	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
659	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
663	D	D	E	M	D	P	E	M	D	D	E	M	D	N	-
664	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
666	D	D	D	E	M	D	D	D	D	D	D	E	M	PD	+
668	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
669	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
671	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
											Normal cycle			17/24	
											Irregular cycle		PD	0/24	
													CD	1/24	
													PE	6/24	
													CE	0/24	
														0/24	

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 months

continued

BPA 400mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle	
673	D	D	D	D	D	D	D	D	D	D	D	D	D	E	CD	+
674	D	E	M	D	D	D	E	M	D	D	D	D	D	E	Ireg.	+
678	D	E	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
679	D	E	M	D	D	D	D	D	D	D	D	D	E	M	PD	+
683	D	D	D	E	M	D	D	D	D	D	D	D	D	D	PD	+
684	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
688	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
689	D	D	D	E	M	D	D	E	M	D	D	D	D	D	Ireg.	+
693	dead (22wk)															
694	D	E	M	D	D	D	E	M	D	D	D	E	E	M	N	-
698	D	D	D	D	D	E	M	D	D	E	M	D	D	E	PD	+
699	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
703	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
704	D	D	D	D	D	D	D	D	D	D	D	D	D	E	CD	+
708	D	E	M	D	D	D	E	M	D	D	D	D	D	D	PD	+
709	D	E	M	D	D	D	E	M	D	D	D	D	D	D	PD	+
713	D	D	D	D	D	E	M	D	D	E	M	D	D	E	PD	+
714	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

5/17
2/17
6/17
4/17
0/17
0/17

I-Addendum 8-3 Estrus cycle - individual findings following the time course at 5 months

continued  
EE 0.05mg/kg/day

Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Irregular estrus cycle	
718	D	D	D	D	D	D	E	M	D	D	D	D	D	D	PD	+
719	E	M	D	P	E	M	D	P	E	M	D	D	E	M	N	-
723	D	D	D	D	D	E	M	D	D	D	D	D	D	D	PD	+
724	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
728	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
729	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
733	D	D	D	E	M	D	D	E	M	D	D	D	D	D	PD	+
734	D	D	D	D	D	D	D	D	E	M	D	D	D	E	PD	+
738	D	D	E	M	D	D	E	E	E	M	D	D	E	M	PE	+
739	M	D	D	E	M	D	D	D	D	D	D	D	D	D	PD	+
743	D	D	D	D	D	E	E	E	E	E	E	E	M	D	PE	+
744	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
748	D	E	M	D	D	E	M	D	D	E	M	D	D	D	N	-
749	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
753	D	D	D	D	E	M	D	D	E	M	D	D	D	E	N	-
754	D	D	E	M	D	D	D	D	D	D	D	D	D	D	CD	+
758	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
759	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
760	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
761	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
765	D	D	E	M	D	D	D	D	E	M	M	D	D	E	Ireg.	+
766	D	E	M	D	D	D	D	D	D	D	D	D	D	D	CD	+

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

8/22
1/22
5/22
6/22
2/22
0/22

I-Addendum 8-4 Estrus cycle - individual findings following the time course at 6 months

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

Normal cycle  
Irregular cycle

PD  
CD  
PE  
CE

I-Addendum 8-4 Estrus cycle - individual findings following the time course at 6 months

Vehicle control

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

  

Normal cycle	10/16
Irregular cycle	1/16
	2/16
PD	2/16
CD	1/16
PE	1/16
CE	0/16