

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	E	M	D	D	D	P	Ireg.
684	E	M	D	D	E	M	D	D	E	M	D	D	E	E	N
688	M	D	P	P	E	M	D	E	M	D	D	E	E	M	N
689	M	D	E	M	D	D	E	M	D	P	E	M	D	D	N
693	D	D	D	E	M	D	D	E	M	M	D	D	E	M	N
694	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N
698	M	D	P	E	M	D	D	E	M	D	P	E	M	D	N
699	P	E	M	D	P	E	M	D	P	E	M	D	D	E	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	M	D	P	E	CE
708	E	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
Normal cycle															15/18
Irregular cycle															1/18
PD															1/18
CD															0/18
PE															0/18
CE															1/18

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	D	E	M	D	D	D	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	M	D	D	D	D	D	D	D	D	D	PD
744	M	D	D	E	M	M	P	D	D	E	M	M	D	D	Ireg.
748	M	D	P	E	M	D	D	E	M	D	D	E	M	D	N
749	P	E	M	D	P	E	M	D	D	E	M	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	D	E	M	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															14/22
Irregular cycle															1/22
															4/22
															3/22
															0/22
															0/22

PD
CD
PE
CE

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

Vehicle control

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

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	D	D	D	D	D	D	E	M	PD	+
553	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
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	E	M	D	N	-
557	D	D	E	M	D	D	D	E	M	D	D	D	D	D	PD	+
561	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
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	M	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	D	D	N	-
569	E	M	D	D	E	M	D	D	E	M	D	P	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	
															Irregular cycle	
															PD	
															CD	
															PE	
															CE	
															17/20	
															0/20	
															2/20	
															1/20	
															0/20	
															0/20	

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	D	E	M	D	D	E	M	D	N
584	D	E	M	D	D	E	M	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	P	E	M	D	N
594	D	D	E	M	D	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	D	E	M	D	D	E	M	D	N
603	E	M	D	D	E	M	D	E	M	D	D	E	M	D	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	PD
609	D	D	E	M	D	D	D	D	E	M	D	D	E	M	Irreg.
613	D	D	E	M	D	D	E	M	D	P	E	M	D	P	N
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

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	M	D	N	-
631	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
632	E	M	D	D	E	M	D	E	M	D	D	E	M	D	N	-
636	E	M	D	D	E	M	D	E	M	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	E	M	D	D	E	M	D	D	E	M	D	D	N	-
644	E	M	D	D	E	M	D	E	M	D	D	E	M	D	N	-
648	E	M	D	D	E	M	D	E	M	D	D	E	M	D	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	E	M	D	D	E	M	D	D	E	M	D	N	-
659	E	M	D	D	E	M	D	E	M	D	D	E	M	D	N	-
663	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
664	D	D	E	M	D	D	E	M	D	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	-
															19/24	
															1/24	
															0/24	
															4/24	
															0/24	
															0/24	

PD
CD
PE
CE

Normal cycle
Irregular cycle

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	M	D	N
693	D	E	M	D	D	D	D	E	M	D	D	D	E	M	Ireg.
694	D	E	M	D	D	D	E	M	D	D	D	E	M	D	N
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	CD
703	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
704	D	P	D	D	D	E	M	D	D	D	D	D	D	E	PD
708	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
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	D	E	M	CD
714	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
Normal cycle															13/18
Irregular cycle															1/18
PD															2/18
CD															2/18
PE															0/18
CE															0/18

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	M	D	D	N
723	D	D	D	D	D	D	D	D	D	D	P	D	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	D	D	D	E	N
739	D	D	E	M	D	D	E	M	D	D	E	M	D	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	D	D	D	D	D	E	M	D	E	M	D	D	N
754	D	D	D	D	D	E	M	D	D	D	D	D	E	M	N
758	D	D	D	E	M	D	D	D	D	D	D	D	D	D	PD
759	D	D	D	E	M	D	D	D	D	D	D	D	D	D	PD
760	D	D	E	M	D	P	E	M	D	D	E	M	D	D	PD
761	D	E	M	D	D	E	M	D	P	D	E	M	D	E	N
765	D	D	D	D	D	D	D	D	D	D	D	D	D	D	N
766	E	M	D	D	D	E	M	D	D	D	E	M	D	D	CD
															N
															13/22
															0/22
															3/22
															6/22
															0/22
															0/22

Normal cycle
Irregular cycle

PD
CD
PE
CE

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	E	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	E	M	D	D	D	N
517	D	E	M	D	D	E	M	D	E	E	E	E	E	E	PD
521	D	E	M	D	D	E	M	D	E	E	M	M	D	D	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	E	M	D	D	E	M	D	N
527	D	D	D	D	M	D	D	E	M	D	D	D	E	E	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															13/16
Irregular cycle															0/16
															2/16
															0/16
															1/16
															0/16

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	D	E	M	D	D	D	PD	+
553	D	E	E	E	M	D	D	E	E	M	D	E	M	D	PE	+
554	E	M	D	D	E	M	D	D	E	M	D	D	D	D	Ireg.	+
556	D	E	M	D	D	D	D	D	D	E	M	D	D	D	PD	+
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	D	D	E	E	M	D	D	E	M	D	D	D	D	D	PD	+
563	D	E	M	D	D	E	E	D	E	E	M	D	D	D	dead (25wk)	-
564	D	E	M	D	D	E	E	D	P	E	M	D	D	D	N	-
565	D	D	E	M	D	P	E	E	M	D	D	D	D	D	PD	+
569	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
570	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
574	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
575	P	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-

Normal cycle
Irregular cycle

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

PD
CD
PE
CE

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	D	M	D	D	E	M	D	D	E	M	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	D	D	D	PD
590	E	M	D	E	D	M	D	D	E	M	D	D	E	M	N
593	E	M	D	E	D	M	D	D	E	M	D	D	E	M	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	D	M	D	E	M	D	D	D	E	M	N
603	D	E	M	D	E	M	D	D	E	M	D	D	E	M	N
604	D	E	M	D	E	M	D	D	E	M	D	D	E	M	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
PD															2/19
CD															1/19
PE															0/19
CE															0/19

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	D	N	-
624	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
627	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
628	D	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	M	N	-
632	D	D	E	M	D	D	E	M	D	P	E	M	D	D	N	-
636	D	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	D	CD	+
638	D	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	M	N	-
643	M	D	D	E	M	M	D	E	M	D	D	E	M	D	N	-
644	D	E	M	D	D	E	M	D	D	E	M	D	P	E	N	-
648	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
649	M	D	E	M	M	D	D	E	M	D	D	E	M	D	N	-
653	D	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
654	D	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	M	N	-
659	D	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	D	N	-
664	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
666	D	D	D	E	M	D	D	D	D	D	D	D	E	M	PD	+
668	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
669	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
671	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
Normal cycle															17/24	
Irregular cycle															0/24	
															1/24	
															6/24	
															0/24	
															0/24	

PD
CD
PE
CE

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	E	M	Ireg.
678	D	D	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	E	M	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	E	M	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	D	E	M	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															5/17
Irregular cycle															2/17
															6/17
															4/17
															0/17
															0/17

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	E	M	D	D	E	M	E	M	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	E	E	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	E	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

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	E	M	D	D	E	M	D	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	D	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	M	D	P	E	M	PE	+
521	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
522	M	D	D	E	M	D	P	E	M	D	D	D	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	E	N	-
532	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
536	dead (13wk)	D	D	D	D	D	D	D	D	D	D	D	D	D	N	-
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	
															2/16	
															1/16	
															0/16	
															PD	
															CD	
															PE	
															CE	

Addendum 8.4 Estrus cycle - individual findings following the time course at 6 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	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
547	M	D	D	E	E	M	D	D	E	E	E	E	E	M	PE	+
551	D	E	M	D	D	D	D	D	D	D	D	D	D	D	CD	+
552	D	D	D	D	D	D	D	D	D	D	D	D	D	E	CD	+
553	M	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
554	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
556	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
557	D	D	D	D	D	D	D	D	E	M	D	D	D	D	PD	+
561	D	D	D	D	D	D	D	E	M	D	D	D	E	M	PD	+
562	dead (25wk)															
563	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
564	D	D	D	D	E	M	D	D	D	E	M	D	D	D	N	-
565	M	D	D	D	E	M	D	D	D	E	M	D	D	D	N	-
569	E	M	D	D	E	M	D	D	D	D	D	D	D	D	PD	+
570	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
574	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
575	D	D	E	M	D	D	D	E	M	D	D	E	M	D	N	-
															Normal cycle	
															Irregular cycle	
															PD	
															CD	
															PE	
															CE	
															9/19	
															0/19	
															3/19	
															6/19	
															1/19	
															0/19	

Addendum 8-4 Estrus cycle - individual findings following the time course at 6 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	M	D	D	E	M	D	D	E	M	D	D	E	E	D	N
581	E	M	D	D	E	M	D	D	E	M	D	D	D	D	Ireg.
584	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
585	D	D	D	D	D	E	M	D	D	E	M	D	D	E	PD
589	D	D	D	D	D	D	D	D	D	E	M	D	D	D	PD
590	E	M	D	D	E	M	D	D	E	D	M	E	M	D	PD
593	E	M	D	D	E	M	D	D	E	D	M	D	E	M	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	D	E	M	D	D	E	M	M	D	D	E	N
603	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N
604	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
608	D	D	D	D	D	D	D	D	D	E	M	D	D	D	PD
609	E	M	D	D	D	D	D	D	D	E	M	D	D	D	PD
613	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
614	D	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	M	D	D	D	N
619	P	E	M	D	P	E	M	D	D	E	M	D	D	E	N
	Normal cycle														12/19
	Irregular cycle														1/19
															5/19
															1/19
															0/19
															0/19

PD
CD
PE
CE

Addendum 8-4 Estrus cycle - individual findings following the time course at 6 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	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
624	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
627	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
628	D	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	D	D	N
632	D	D	E	M	D	D	E	M	D	D	E	E	M	D	N
636	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
637	D	D	D	D	D	D	D	E	M	D	D	D	D	D	PD
638	D	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	M	N
643	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
644	D	D	E	M	D	D	E	M	D	D	M	D	D	E	N
648	D	D	E	M	D	D	E	M	D	D	D	D	D	D	PD
649	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
653	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N
654	D	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	M	N
659	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
663	D	D	E	M	D	D	E	M	D	D	D	E	M	D	N
664	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
666	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N
668	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N
669	M	D	D	D	D	D	D	D	D	D	D	D	D	D	CD
671	E	M	D	P	E	M	D	D	E	M	M	D	D	E	N
Normal cycle															17/24
Irregular cycle															0/24
															2/24
															5/24
															0/24
															0/24

Addendum 8-4 Estrus cycle - individual findings following the time course at 6 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	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
674	D	D	D	E	M	D	D	D	D	E	D	D	D	D	Ireg.	+
678	E	M	D	D	E	M	D	D	D	D	D	D	D	D	PD	+
679	M	D	D	E	M	D	D	E	M	D	D	E	M	D	N	-
683	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
684	M	D	D	M	D	D	E	M	D	D	E	M	D	D	N	-
688	D	D	E	D	D	D	E	M	D	D	E	M	D	D	N	-
689	D	D	D	D	D	P	E	M	D	D	E	M	D	D	PD	+
693	dead (22wk)															
694	D	D	D	E	M	D	D	E	M	D	D	D	E	M	N	-
698	D	E	M	D	P	E	M	D	D	E	M	D	D	D	N	-
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	E	M	D	E	M	D	D	PD	+
708	D	D	D	M	D	D	D	D	D	D	E	M	D	D	PD	+
709	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
713	D	D	D	D	D	M	D	D	E	M	D	D	E	M	N	-
714	E	M	D	D	E	M	D	D	E	M	D	D	E	M	N	-
															9/17	
															1/17	
															4/17	
															3/17	
															0/17	
															0/17	

PD
CD
PE
CE

Addendum 8-4 Estrus cycle - individual findings following the time course at 6 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	E	E	P	E	E	P	P	P	E	E	P	PE	+
719	E	M	D	D	E	M	D	D	E	M	D	D	D	D	Ireg.	+
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	D	E	M	D	D	E	M	D	D	E	M	D	D	E	N	-
729	E	M	D	D	E	E	M	D	D	D	E	M	D	D	N	-
733	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
734	D	D	D	D	D	D	E	M	D	D	D	D	D	D	PD	+
738	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
739	D	D	D	D	D	D	D	D	D	D	D	D	D	E	CD	+
743	D	D	D	D	E	E	E	E	E	E	E	E	E	D	CE	+
744	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
748	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
749	E	M	D	D	E	E	E	E	E	M	D	D	E	M	PE	+
753	D	D	D	D	D	D	E	M	D	D	D	D	D	D	PD	+
754	D	D	D	D	D	D	D	E	M	D	D	D	D	D	PD	+
758	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
759	D	D	E	M	D	D	E	M	D	D	E	M	D	D	N	-
760	M	D	E	E	M	D	E	M	M	D	D	E	M	D	N	-
761	D	D	E	M	D	D	E	M	D	D	D	D	D	D	PD	+
765	D	D	D	D	D	D	D	D	D	D	D	D	D	D	CD	+
766	D	D	D	D	D	D	E	M	D	D	D	D	D	D	PD	+
															4/22	
															1/22	
															5/22	
															10/22	
															1/22	
															1/22	

Normal cycle
Irregular cycle

PD
CD
PE
CE