

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017
Time Report Requested: 17:23:19
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

Final 1 GSM Mice 14-Week Special Study

NTP Study Number: C20105
Lock Date: 04/07/2016
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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| | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 5 | 3 | 5 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | | |
| | | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 4 | 4 | 6 | 8 | 9 | 9 | 0 | 0 | |
| | | 5 | 9 | 2 | 8 | 2 | 6 | 7 | 0 | 8 | 3 | 7 | 8 | 9 | 1 | 5 | |
| * TOTALS | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 8 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Aorta | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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| B6C3F1 MICE MALE 0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 5 | 3 | 5 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 5 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| | | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 4 | 4 | 6 | 8 | 9 | 9 | 0 | 0 | 0 | |
| | | 5 | 9 | 2 | 8 | 2 | 6 | 7 | 0 | 8 | 3 | 7 | 8 | 9 | 1 | 5 | 5 | |

Blood Vessel + 1

Heart + + + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + + + 10

Parathyroid Gland M M M M + M M M M + 2

Pituitary Gland + + + M + + + + + + 9

Thyroid Gland + + + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + + + 10

Preputial Gland + + + + + + + + + + + 10

Prostate + + + + + + + + + + + 10

Seminal Vesicle + + + + + + + + + + + 10

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE 0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nerve Trigeminal | | | + | + | + | + | M | | M | + | + | | + | + | | | 8 | |
| Peripheral Nerve, Sciatic | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| Spinal Cord | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| Nose | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| Trachea | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| Harderian Gland | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| Urinary Bladder | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | | + | + | + | + | + | | + | + | + | | + | + | | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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| | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.5 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| | | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 7 | 9 | 0 | 0 |
| | | 4 | 8 | 2 | 8 | 9 | 3 | 4 | 1 | 6 | 7 | 8 | 9 | 0 | 0 | 4 | 4 |
| * TOTALS | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|--|--|--|--|---|---|---|--|--|--|--|---|---|---|--|-----------|--|--|-----------|
| Esophagus | + | + | + | + | | | | | + | + | + | | | | | | | | | 10 | | | |
| Gallbladder | + | + | + | + | | | | | + | M | + | | | | | + | + | + | | | | | 9 |
| Intestine Large, Cecum | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Intestine Large, Colon | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Intestine Large, Rectum | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Intestine Small, Duodenum | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Intestine Small, Ileum | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Intestine Small, Jejunum | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Liver | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Pancreas | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Salivary Glands | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Stomach, Forestomach | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
| Stomach, Glandular | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|--|--|--|--|---|---|---|--|--|--|--|---|---|---|--|--|--|--|-----------|
| Aorta | + | + | + | + | | | | | + | + | + | | | | | + | + | + | | | | | 10 |
|-------|---|---|---|---|--|--|--|--|---|---|---|--|--|--|--|---|---|---|--|--|--|--|-----------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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Lab: IIT

| B6C3F1 MICE MALE 2.5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | |
|------------------------------|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | |
| | | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 7 | 9 | 0 | | | |
| | | 4 | 8 | 2 | 8 | 9 | 3 | 4 | 1 | 6 | 7 | 8 | 9 | 0 | 0 | 4 | | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | |

Blood Vessel + 1

Heart + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + 10

Parathyroid Gland + + + M M M + + + M 6

Pituitary Gland + + + + + + + + + 10

Thyroid Gland + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + 10

Preputial Gland + + + + + + + + + 10

Prostate + + + + + + + + + 10

Seminal Vesicle + + + + + + + + + 10

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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| B6C3F1 MICE MALE 2.5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 7 | 9 | 9 | 0 | |
| | | 4 | 8 | 2 | 8 | 9 | 3 | 4 | 1 | 6 | 7 | 8 | 9 | 0 | 0 | 4 | 4 | |
| Testis | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Lymph Node, Mandibular | | M | M | + | + | | | + | + | M | | | | + | + | + | 7 | |
| Lymph Node, Mesenteric | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Spleen | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Thymus | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | M | M | M | M | | | M | M | M | | | | M | M | M | 0 | |
| Skin | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Skeletal Muscle | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Brain Trigeminal Ganglion | | + | + | + | M | | | + | + | + | | | | + | + | + | 9 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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| B6C3F1 MICE MALE 2.5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 7 | 9 | 9 | 0 | |
| | | 4 | 8 | 2 | 8 | 9 | 3 | 4 | 1 | 6 | 7 | 8 | 9 | 0 | 0 | 4 | | |
| Nerve Trigeminal | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Peripheral Nerve, Sciatic | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Spinal Cord | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Nose | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Trachea | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Harderian Gland | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Urinary Bladder | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | | | + | + | + | | | | + | + | + | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
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| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 5 W/kg | ANIMAL ID | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| | | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 0 | 1 | 1 | 1 |
| | | 7 | 1 | 6 | 8 | 0 | 6 | 7 | 0 | 1 | 2 | 7 | 8 | 6 | 3 | 9 | 9 | 9 |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | + | | | | | | | | | | | | | | | | |
| Gallbladder | + | + | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + | + | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | + | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | + | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | + | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | + | | | | | | | | | | | | | | | | |
| Liver | + | + | | | | | | | | | | | | | | | | |
| Pancreas | + | + | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Aorta | + | + | | | | | | | | | | | | | | | | |
|-------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 3 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| | | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 1 | 1 |
| | | 7 | 1 | 6 | 8 | 0 | 6 | 7 | 0 | 1 | 2 | 7 | 8 | 6 | 3 | 9 | | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|
| Blood Vessel | | | | | | | | | | | | | | | | | | | + | + | 2 |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|----|
| Heart | + | + | | | | | | | | | | | | | | | | | + | + | 10 |
|-------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|----|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Medulla | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Islets, Pancreatic | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|--------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | M | M | | | | | | | | | | | | | | | | | M | M | M | + | + | + | + | + | + | + | + | + | + | + | + | 4 |
|-------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Pituitary Gland | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Thyroid Gland | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|---------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Preputial Gland | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Prostate | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Seminal Vesicle | + | + | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE 5 W/kg | DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Testis | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Lymph Node, Mandibular | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Lymph Node, Mesenteric | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Spleen | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Thymus | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | M | M | | | | M | M | M | M | M | M | | | | M | M | 0 |
| Skin | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Skeletal Muscle | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | |
| Brain | | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Brain Trigeminal Ganglion | | | + | + | | | | + | + | + | M | + | + | | | | M | + | 8 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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Lab: IIT

| B6C3F1 MICE MALE 5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nerve Trigeminal | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Peripheral Nerve, Sciatic | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Spinal Cord | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Nose | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Trachea | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Harderian Gland | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| Urinary Bladder | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | | | | + | + | + | + | + | + | | | | + | + | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 X .. Lesion present
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| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 3 | 3 | 5 | 3 | 5 | 5 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 4 | 5 | 6 | 6 | 8 | 9 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 9 | 6 | 2 | 9 | 1 | 9 | 3 | 8 | 4 | 0 | 5 | 1 | 2 | 3 | 3 | 3 |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Esophagus | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Gallbladder | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Large, Cecum | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Large, Colon | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Large, Rectum | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Small, Duodenum | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Small, Ileum | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Intestine Small, Jejunum | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Liver | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Pancreas | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Salivary Glands | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Stomach, Forestomach | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Stomach, Glandular | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Aorta | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
|-------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|

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Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE 10 W/kg | DAY ON TEST | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|----|
| | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | 0093 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | |
| | 0632 | 0634 | 0635 | 0636 | 0637 | 0638 | 0639 | 0640 | 0641 | 0642 | 0643 | 0644 | 0645 | 0646 | 0647 | 0648 | 0649 | |
| Heart | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Adrenal Medulla | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Islets, Pancreatic | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Parathyroid Gland | M | M | | + | + | M | + | | M | | + | + | | M | | | | 5 |
| Pituitary Gland | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Thyroid Gland | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Preputial Gland | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Prostate | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Seminal Vesicle | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |
| Testis | + | + | | + | + | + | + | | + | | + | + | | + | | | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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Lab: IIT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 3 | 5 | 3 | 5 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 4 | 5 | 6 | 6 | 8 | 9 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 9 | 6 | 2 | 9 | 1 | 9 | 3 | 8 | 4 | 0 | 5 | 1 | 2 | 3 | 3 | * TOTALS |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Bone Marrow | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Lymph Node, Mandibular | M | + | | + | + | + | + | | + | | + | M | + | | | | | 8 |
| Lymph Node, Mesenteric | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Spleen | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Thymus | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Mammary Gland | M | M | | M | M | M | M | | M | | M | M | M | | | | | 0 |
| Skin | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Bone | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Skeletal Muscle | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|---|---|---|---|--|---|--|---|---|---|--|--|--|--|-----------|
| Brain | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |
| Hamartoma, Lipomatous | | | | | | | | | | | X | | | | | | | 1 |
| Brain Trigeminal Ganglion | + | + | | + | + | + | + | | + | | + | + | + | | | | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE 10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 3 | 5 | 3 | 5 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 4 | 5 | 6 | 6 | 8 | 9 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | |
| | | 2 | 9 | 6 | 2 | 9 | 1 | 9 | 3 | 8 | 4 | 0 | 5 | 1 | 2 | 3 | 3 | |
| Nerve Trigeminal | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Peripheral Nerve, Sciatic | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Spinal Cord | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Nose | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Trachea | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Harderian Gland | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| Urinary Bladder | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | | + | + | + | + | | + | | + | + | | + | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
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M .. Missing tissue
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

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Date Report Requested: 08/28/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | | 0 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
| | | 6 | 9 | 2 | 1 | 4 | 5 | 1 | 8 | 1 | 4 | 0 | 7 | 8 | 9 | 2 | |
| * TOTALS | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|--|--|-----------|
| Esophagus | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Gallbladder | + | M | + | + | + | + | | + | + | + | + | | | | | | 9 |
| Intestine Large, Cecum | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Liver | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Pancreas | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Salivary Glands | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
| Stomach, Glandular | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|--|--|-----------|
| Aorta | + | + | + | + | + | + | | + | + | + | + | | | | | | 10 |
|-------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|--|--|-----------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017
 Time Report Requested: 17:23:19
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

| B6C3F1 MICE FEMALE 0 W/kg | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|
| | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 5 | 0 9 5 | 0 9 5 | |
| | ANIMAL ID | | | | | | | | | | | | | | | |
| | 0 1 0 6 | 0 0 2 9 | 0 0 3 2 | 0 1 4 1 | 0 1 4 4 | 0 0 4 5 | 0 0 5 1 | 0 0 5 8 | 0 0 6 1 | 0 0 7 4 | 0 0 8 0 | 0 0 8 7 | 0 0 9 8 | 0 0 9 9 | 0 0 9 2 | |
| Heart | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| Adrenal Medulla | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| Parathyroid Gland | M | + | + | M | + | + | | M | + | + | + | | | | | 7 |
| Pituitary Gland | + | + | + | + | + | + | | M | + | + | + | | | | | 9 |
| Thyroid Gland | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | M | + | M | | + | + | M | M | | | | | 6 |
| Ovary | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| Uterus | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | | + | + | + | + | | | | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 0 W/kg | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|
| | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 5 | 0 9 5 | 0 9 5 | |
| | ANIMAL ID | | | | | | | | | | | | | | | |
| | 0 1 0 6 | 0 0 2 9 | 0 0 3 2 | 0 0 4 1 | 0 0 4 4 | 0 0 4 5 | 0 0 5 1 | 0 0 5 8 | 0 0 6 1 | 0 0 7 4 | 0 0 8 0 | 0 0 8 7 | 0 0 9 8 | 0 0 9 9 | 0 0 9 2 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | M | M | + | | | | | 8 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Skin | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |
| Nerve Trigeminal | + | M | + | + | + | + | + | + | + | + | | | | | 9 | |
| Peripheral Nerve | | | + | | | | | | | | | | | | 1 | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | | | | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| | | 0 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 8 | 9 | 9 | 0 | | |
| | | 6 | 9 | 2 | 1 | 4 | 5 | 1 | 8 | 1 | 4 | 0 | 7 | 8 | 9 | 2 | | |
| Spinal Cord | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| Nose | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| Trachea | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| Harderian Gland | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| Urinary Bladder | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | | + | + | + | + | | | | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.5 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 2 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 5 | 2 | 5 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 2 | 2 | 3 | 3 | 4 | 7 | 8 | 8 | 8 | 9 | 0 | 0 | 1 | 1 | 1 |
| | | 3 | 5 | 7 | 2 | 9 | 8 | 6 | 0 | 4 | 6 | 2 | 2 | 7 | 5 | 6 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|--|-----------|
| Esophagus | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Gallbladder | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Large, Cecum | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Large, Colon | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Large, Rectum | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Small, Duodenum | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Small, Ileum | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Intestine Small, Jejunum | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Liver | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Pancreas | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Salivary Glands | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Stomach, Forestomach | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Stomach, Glandular | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|-------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|--|-----------|
| Aorta | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
|-------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|--|-----------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 2.5 W/kg | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 2 | 0 9 5 | 0 9 2 | 0 9 5 | |
| Heart | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Adrenal Medulla | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Islets, Pancreatic | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Parathyroid Gland | + | + | | M | M | | + | + | | + | + | M | | + | | | 7 |
| Pituitary Gland | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Thyroid Gland | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | | + | + | | M | + | | M | + | M | | M | | | 6 |
| Ovary | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| Uterus | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | | + | + | | + | + | | + | + | + | | + | | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 2.5 W/kg | DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--------------------------------|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lymph Node, Mandibular | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Lymph Node, Mesenteric | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Spleen | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Thymus | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Skin | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Skeletal Muscle | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | |
| Brain | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Brain Trigeminal Ganglion | | | + | + | | + | + | | M | M | | + | + | + | | + | | 8 | |
| Nerve Trigeminal | | | + | + | | + | + | | + | + | | M | + | + | | + | | 9 | |
| Peripheral Nerve, Sciatic | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |
| Spinal Cord | | | + | + | | + | + | | + | + | | + | + | + | | + | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 2 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 2 | 5 | 2 | |
| 2.5 W/kg | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | |
| | | 2 | 2 | 2 | 3 | 3 | 4 | 7 | 8 | 8 | 8 | 9 | 0 | 0 | 1 | 1 |
| | | 3 | 5 | 7 | 2 | 9 | 8 | 6 | 0 | 4 | 6 | 2 | 2 | 7 | 5 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | |
|---------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|-----------|
| Lung | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |
| Nose | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |
| Trachea | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|-----------|
| Eye | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |
| Harderian Gland | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|-----------|
| Kidney | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |
| Urinary Bladder | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | |
|----------------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|-----------|
| Multiple Organ | + | + | | + | + | | + | + | | + | + | + | | + | | 10 |
|----------------|---|---|--|---|---|--|---|---|--|---|---|---|--|---|--|-----------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017
 Time Report Requested: 17:23:19
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

| B6C3F1 MICE FEMALE | 5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|--------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | | 5 | 2 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | 2 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 2 | 3 | |
| | | | 8 | 6 | 8 | 8 | 2 | 3 | 7 | 3 | 4 | 7 | 8 | 2 | 6 | 9 | 0 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 9 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Aorta | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 5 | 2 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | | |
| | | 2 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 2 | 3 | | |
| | | 8 | 6 | 8 | 8 | 2 | 3 | 7 | 3 | 4 | 7 | 8 | 2 | 6 | 9 | 0 | | |
| Heart | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| Adrenal Medulla | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| Islets, Pancreatic | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| Parathyroid Gland | | | + | + | M | + | | M | | + | | M | M | M | M | | 4 | |
| Pituitary Gland | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| Thyroid Gland | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | | | + | M | M | + | | + | | + | | M | M | + | + | | 6 | |
| Ovary | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| Uterus | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | | + | + | + | + | | + | | + | | + | + | + | + | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 5 W/kg | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | 0095 | |
| | ANIMAL ID | | | | | | | | | | | | | | | |
| | 00528 | 00533 | 00533 | 00534 | 00535 | 00537 | 00537 | 00538 | 00538 | 00539 | 00539 | 00540 | 00540 | 00540 | 00540 | 00540 |
| Lymph Node, Mandibular | | + | + | M | + | | + | | + | | + | + | + | + | | 9 |
| Lymph Node, Mesenteric | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Spleen | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Thymus | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Skin | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Skeletal Muscle | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Brain Trigeminal Ganglion | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Nerve Trigeminal | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Peripheral Nerve, Sciatic | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |
| Spinal Cord | | + | + | + | + | | + | | + | | + | + | + | + | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 5 W/kg | ANIMAL ID | 5 | 2 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 2 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 2 | 3 | 3 |
| | | 8 | 6 | 8 | 8 | 2 | 3 | 7 | 3 | 4 | 7 | 8 | 2 | 6 | 9 | 0 | 0 |
| * TOTALS | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 W/kg | ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 5 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 5 | 2 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | 3 | 4 | 4 | 5 | 6 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 2 | 3 | 4 | 4 |
| | | 6 | 5 | 6 | 5 | 7 | 2 | 3 | 6 | 3 | 4 | 8 | 6 | 6 | 6 | 0 | 0 |
| * TOTALS | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aorta | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Heart | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 095 | 10 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| Adrenal Medulla | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| Islets, Pancreatic | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| Parathyroid Gland | | M | M | + | | + | M | M | | | | + | M | | M | | 3 | |
| Pituitary Gland | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| Thyroid Gland | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | | + | + | M | | M | M | + | | | | + | M | | + | | 5 | |
| Ovary | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| Uterus | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | | + | + | + | | | | + | + | | + | | 9 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/28/2017

Time Report Requested: 17:23:19

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE 10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lymph Node, Mandibular | | M | | + | + | | | + | + | + | | | | + | + | + | 8 | |
| Lymph Node, Mesenteric | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| Spleen | | | + | + | + | | | + | M | + | | | | + | + | + | 8 | |
| Thymus | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| Skin | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| Skeletal Muscle | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | | | + | + | + | | | + | + | + | | | | + | + | + | 10 | |
| Brain Trigeminal Ganglion | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| Nerve Trigeminal | | | + | + | + | | | + | + | + | | | | + | + | + | 9 | |
| Peripheral Nerve, Sciatic | | | + | + | + | | | I | + | + | | | | + | + | + | 8 | |
| Spinal Cord | | | + | + | + | | | + | + | + | | | | + | + | + | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 20105 - 78

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| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 10 W/kg | ANIMAL ID | 5 | 2 | 5 | 2 | 2 | 5 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 5 | 2 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | |
| | | 3 | 4 | 4 | 5 | 6 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 2 | 3 | 4 | | |
| | | 6 | 5 | 6 | 5 | 7 | 2 | 3 | 6 | 3 | 4 | 8 | 6 | 6 | 6 | 0 | | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Lung | | | | | | | | | | | | | | | | | | | 9 |
| Nose | | | | | | | | | | | | | | | | | | | 9 |
| Trachea | | | | | | | | | | | | | | | | | | | 9 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Eye | | | | | | | | | | | | | | | | | | | 9 |
| Harderian Gland | | | | | | | | | | | | | | | | | | | 9 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Kidney | | | | | | | | | | | | | | | | | | | 10 |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | 9 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Multiple Organ | | | | | | | | | | | | | | | | | | | 10 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|

*** END OF REPORT ***

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