### Animal Numbers and Fastq Data File Names

| Animal Number | Group | Dose (mg/kg) | Survived to Study Termination | Tissue | Fastq File ID |
| --- | --- | --- | --- | --- | --- |
| 431 | Vehicle Control | 0 | Yes | Kidney | Plate7-431 |
| 431 | Vehicle Control | 0 | Yes | Liver | Plate3-431 |
| 432 | Vehicle Control | 0 | Yes | Kidney | Plate8-4321 |
| 432 | Vehicle Control | 0 | Yes | Liver | Plate3-432 |
| 433 | Vehicle Control | 0 | Yes | Kidney | Plate7-433 |
| 433 | Vehicle Control | 0 | Yes | Liver | Plate4-433 |
| 434 | Vehicle Control | 0 | Yes | Kidney | Plate8-434**1** |
| 434 | Vehicle Control | 0 | Yes | Liver | Plate3-434 |
| 435 | Vehicle Control | 0 | Yes | Kidney | Plate8-435**1** |
| 435 | Vehicle Control | 0 | Yes | Liver | Plate3-435 |
| 436 | Vehicle Control | 0 | Yes | Kidney | Plate8-436**1** |
| 436 | Vehicle Control | 0 | Yes | Liver | Plate3-436 |
| 437 | Vehicle Control | 0 | Yes | Kidney | Plate7-437 |
| 437 | Vehicle Control | 0 | Yes | Liver | Plate3-437 |
| 438 | Vehicle Control | 0 | Yes | Kidney | Plate7-438 |
| 438 | Vehicle Control | 0 | Yes | Liver | Plate3-438 |
| 439 | Vehicle Control | 0 | Yes | Kidney | Plate7-439 |
| 439 | Vehicle Control | 0 | Yes | Liver | Plate3-439 |
| 440 | Vehicle Control | 0 | Yes | Kidney | Plate7-440 |
| 440 | Vehicle Control | 0 | Yes | Liver | Plate3-440 |
| 441 | Vehicle Control | 0 | Yes | Kidney | Plate7-441 |
| 441 | Vehicle Control | 0 | Yes | Liver | Plate3-441 |
| 442 | Vehicle Control | 0 | Yes | Kidney | Plate7-442 |
| 442 | Vehicle Control | 0 | Yes | Liver | Plate3-442 |
| 443 | Vehicle Control | 0 | Yes | Kidney | Plate7-443 |
| 443 | Vehicle Control | 0 | Yes | Liver | Plate4-443 |
| 444 | Vehicle Control | 0 | Yes | Kidney | Plate7-444 |
| 444 | Vehicle Control | 0 | Yes | Liver | Plate3-444 |
| 445 | Vehicle Control | 0 | Yes | Kidney | Plate7-445 |
| 445 | Vehicle Control | 0 | Yes | Liver | Plate4-445 |
| 446 | Vehicle Control | 0 | Yes | Kidney | Plate7-446 |
| 446 | Vehicle Control | 0 | Yes | Liver | Plate4-446 |
| 447 | Vehicle Control | 0 | Yes | Kidney | Plate7-447 |
| 447 | Vehicle Control | 0 | Yes | Liver | Plate4-447 |
| 448 | Vehicle Control | 0 | Yes | Kidney | Plate7-448 |
| 448 | Vehicle Control | 0 | Yes | Liver | Plate3-448 |
| 449 | Vehicle Control | 0 | Yes | Kidney | Plate8-449**1** |
| 449 | Vehicle Control | 0 | Yes | Liver | Plate3-449 |
| 450 | Vehicle Control | 0 | Yes | Kidney | Plate8-450**1** |
| 450 | Vehicle Control | 0 | Yes | Liver | Plate3-450 |
| 451 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-451 |
| 451 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-451 |
| 452 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate8-452**1** |
| 452 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-452 |
| 453 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-453 |
| 453 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate4-453 |
| 454 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-454 |
| 454 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-454 |
| 455 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-455 |
| 455 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate4-455 |
| 456 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-456 |
| 456 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-456 |
| 457 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-457 |
| 457 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-457 |
| 458 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-458 |
| 458 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-458 |
| 459 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-459 |
| 459 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-459 |
| 460 | 2,3-Benzofluorene | 0.15 | Yes | Kidney | Plate7-460 |
| 460 | 2,3-Benzofluorene | 0.15 | Yes | Liver | Plate3-460 |
| 461 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-461 |
| 461 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-461 |
| 462 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-462 |
| 462 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-462 |
| 463 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-463 |
| 463 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-463 |
| 464 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-464 |
| 464 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-464 |
| 465 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-465 |
| 465 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-465 |
| 466 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-466 |
| 466 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-466 |
| 467 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate8-467**1** |
| 467 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-467 |
| 468 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-468 |
| 468 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-468 |
| 469 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-469 |
| 469 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-469 |
| 470 | 2,3-Benzofluorene | 0.5 | Yes | Kidney | Plate7-470 |
| 470 | 2,3-Benzofluorene | 0.5 | Yes | Liver | Plate3-470 |
| 471 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-471 |
| 471 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate4-471 |
| 472 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-472 |
| 472 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-472 |
| 473 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-473 |
| 473 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-473 |
| 474 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate8-474**1** |
| 474 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-474 |
| 475 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-475 |
| 475 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-475 |
| 476 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-476 |
| 476 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-476 |
| 477 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-477 |
| 477 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-477 |
| 478 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-478 |
| 478 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-478 |
| 479 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-479 |
| 479 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate4-479 |
| 480 | 2,3-Benzofluorene | 1.4 | Yes | Kidney | Plate7-480 |
| 480 | 2,3-Benzofluorene | 1.4 | Yes | Liver | Plate3-480 |
| 481 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-481 |
| 481 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-481 |
| 482 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-482 |
| 482 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-482 |
| 483 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-483 |
| 483 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-483 |
| 484 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-484 |
| 484 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-484 |
| 485 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-485 |
| 485 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-485 |
| 486 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-486 |
| 486 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-486 |
| 487 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-487 |
| 487 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-487 |
| 488 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-488 |
| 488 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-488 |
| 489 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate7-489 |
| 489 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate4-489 |
| 490 | 2,3-Benzofluorene | 4.0 | Yes | Kidney | Plate8-490**1** |
| 490 | 2,3-Benzofluorene | 4.0 | Yes | Liver | Plate3-490 |
| 491 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-491 |
| 491 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate4-491 |
| 492 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-492 |
| 492 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-492 |
| 493 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate8-493**1** |
| 493 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-493 |
| 494 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate8-494**1** |
| 494 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate4-494 |
| 495 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-495 |
| 495 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-495 |
| 496 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-496 |
| 496 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-496 |
| 497 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-497 |
| 497 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-497 |
| 498 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate7-498 |
| 498 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-498 |
| 499 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate8-499**1** |
| 499 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate4-499 |
| 500 | 2,3-Benzofluorene | 12.0 | Yes | Kidney | Plate8-500**1** |
| 500 | 2,3-Benzofluorene | 12.0 | Yes | Liver | Plate3-500 |
| 501 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-501 |
| 501 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-501 |
| 502 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-502 |
| 502 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate4-502 |
| 503 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-503 |
| 503 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-503 |
| 504 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-504 |
| 504 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate4-504 |
| 505 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-505 |
| 505 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-505 |
| 506 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate8-5061 |
| 506 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-506 |
| 507 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-507 |
| 507 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-507 |
| 508 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-508 |
| 508 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-508 |
| 509 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-509 |
| 509 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-509 |
| 510 | 2,3-Benzofluorene | 37.0 | Yes | Kidney | Plate7-510 |
| 510 | 2,3-Benzofluorene | 37.0 | Yes | Liver | Plate3-510 |
| 511 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-511 |
| 511 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-511 |
| 512 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate8-512**1** |
| 512 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-512 |
| 513 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate8-513**1** |
| 513 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-513 |
| 514 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-514 |
| 514 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-514 |
| 515 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-515 |
| 515 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-515 |
| 516 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate8-516**1** |
| 516 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-516 |
| 517 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate8-517**1** |
| 517 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-517 |
| 518 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-518 |
| 518 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-518 |
| 519 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-519 |
| 519 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-519 |
| 520 | 2,3-Benzofluorene | 111.0 | Yes | Kidney | Plate7-520 |
| 520 | 2,3-Benzofluorene | 111.0 | Yes | Liver | Plate3-520 |
| 521 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-521 |
| 521 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-521 |
| 522 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-522 |
| 522 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-522 |
| 523 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-523 |
| 523 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-523 |
| 524 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-524 |
| 524 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-524 |
| 525 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-525 |
| 525 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate4-525 |
| 526 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-526 |
| 526 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-526 |
| 527 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-527 |
| 527 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-527 |
| 528 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-528 |
| 528 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-528 |
| 529 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-529 |
| 529 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-529 |
| 530 | 2,3-Benzofluorene | 333.0 | Yes | Kidney | Plate7-530 |
| 530 | 2,3-Benzofluorene | 333.0 | Yes | Liver | Plate3-530 |
| 531 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-531 |
| 531 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate4-531 |
| 532 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-532 |
| 532 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate4-532 |
| 533 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-533 |
| 533 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-533 |
| 534 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-534 |
| 534 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-534 |
| 535 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-535 |
| 535 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-535 |
| 536 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-536 |
| 536 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-536 |
| 537 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate8-537**1** |
| 537 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-537 |
| 538 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-538 |
| 538 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate4-538 |
| 539 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-539 |
| 539 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate3-539 |
| 540 | 2,3-Benzofluorene | 1000.0 | Yes | Kidney | Plate7-540 |
| 540 | 2,3-Benzofluorene | 1000.0 | Yes | Liver | Plate4-540 |

1 Removed due to kidney overflow plate effects. See text for explanation.