# Supplementary Information

# Chemical Labels

The below chemical labels are used to construct feature vectors for model building. These features are divided into 3 groups. Dependency Labels are labels that are functions of other labels. NTP labels are derived from the NTP predictive models for acute oral systemic toxicity event. UN GHS hazards are derived from ECHA C&L and other sources.

* **Dependency Labels**
  + **Acute\_Oral\_Binary:** True if and only if one of H300-H305 is true
  + **Acute\_Dermal\_Binary:** True iff one of H310-H312 is true
  + **Acute\_Inhalation\_Binary:** True iff one of H330-H332 is true
  + **Acute\_Aquatic\_Binary:** True iff one of H400-H402 is true
  + **Chronic\_Aquatic\_Binary:** True iff one of H410-H413 is true
  + **Skin\_Sensitisation\_Binary:** True iff H317 is true
  + **Skin\_Corrosion\_Binary:** True iff H314 or H315 is true
  + **Eye\_Irritation\_Binary:** True iff H318 or H319 is true
  + **Mutagenic\_Binary:** True iff H340 or H341 is true.
* **NTP - Predictive Models for Acute Oral Systemic Toxicity**
  + **NTPAcuteOralChallenge\_nontoxic**
  + **NTPAcuteOralChallenge\_EPA (not used)**
  + **NTPAcuteOralChallenge\_LD50 (not used)**
  + **NTPAcuteOralChallenge\_GHS (not used)**
* **UN GHS Hazards:**H200-H400 identifiers can be found at <https://en.wikipedia.org/wiki/GHS_hazard_statements>**.** ULCS 4.0.0 uses the following UN GHS labels:

H200, H201, H202, H203, H220, H221, H223, H224, H225, H226, H227, H228, H240, H242, H250, H251, H252, H260, H261, H270, H271, H272, H280, H290, H300, H301, H302, H303, H304, H305, H310, H311, H312, H314, H315, H316, H317, H318, H319, H320, H330, H331, H332, H334, H335, H336, H340, H341, H350, H351, H360, H361, H362, H370, H371, H372, H373, H400, H401, H402, H410, H411, H412, H413

### supplemental figure 1 about here

**Supplementary Figure 1. Available potency information by GHS classifications in the ECHA database**

The data extracted in Luechetefeld et al. (2016a) are shown by hazard and UN GHS classification.

**Supplementary Table 1. Feature importance Data Fusion RASAR**

The contribution of different labels to the nine endpoint predictions is shown. In column four, the truncated % are highlighted in yellow for contributions above 1%.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **feature** | **endpoint** | **avg** |  | **avg** |
| Acute\_Aquatic\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.03694663991 |  | 3.69% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0003389759508 |  | 0.03% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002804964617 |  | 0.03% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.000540084995 |  | 0.05% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.003006987671 |  | 0.30% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0003538524578 |  | 0.04% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.002026557631 |  | 0.20% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002199226669 |  | 0.02% |
| Acute\_Aquatic\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004750583032 |  | 0.05% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.01184134094 |  | 1.18% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003736528363 |  | 0.04% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006499703502 |  | 0.06% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.00025820205 |  | 0.03% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001931082671 |  | 0.19% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0002527335752 |  | 0.03% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.0008426898098 |  | 0.08% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001784354084 |  | 0.02% |
| Acute\_Aquatic\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0006724056965 |  | 0.07% |
| Acute\_Aquatic\_Binary\_target | Acute\_Dermal\_Binary | 0.005862706588 |  | 0.59% |
| Acute\_Aquatic\_Binary\_target | Acute\_Inhalation\_Binary | 0.006214465617 |  | 0.62% |
| Acute\_Aquatic\_Binary\_target | Acute\_Oral\_Binary | 0.002517891743 |  | 0.25% |
| Acute\_Aquatic\_Binary\_target | Chronic\_Aquatic\_Binary | 0.09084571395 |  | 9.08% |
| Acute\_Aquatic\_Binary\_target | Eye\_Irritation\_Binary | 0.001872478227 |  | 0.19% |
| Acute\_Aquatic\_Binary\_target | Mutagenic\_Binary | 0.009247794104 |  | 0.92% |
| Acute\_Aquatic\_Binary\_target | Skin\_Corrosion\_Binary | 0.002072977078 |  | 0.21% |
| Acute\_Aquatic\_Binary\_target | Skin\_Sensitisation\_Binary | 0.007165125489 |  | 0.72% |
| Acute\_Dermal\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001566702143 |  | 0.02% |
| Acute\_Dermal\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.005856888328 |  | 0.59% |
| Acute\_Dermal\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.001118530284 |  | 0.11% |
| Acute\_Dermal\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.002091484219 |  | 0.21% |
| Acute\_Dermal\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0006477758655 |  | 0.06% |
| Acute\_Dermal\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0006898889474 |  | 0.07% |
| Acute\_Dermal\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.0009800071547 |  | 0.10% |
| Acute\_Dermal\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0005715500484 |  | 0.06% |
| Acute\_Dermal\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0007424293383 |  | 0.07% |
| Acute\_Dermal\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002715796129 |  | 0.03% |
| Acute\_Dermal\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.01244167106 |  | 1.24% |
| Acute\_Dermal\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.005199354455 |  | 0.52% |
| Acute\_Dermal\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.001692470929 |  | 0.17% |
| Acute\_Dermal\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001175388046 |  | 0.12% |
| Acute\_Dermal\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0009002289294 |  | 0.09% |
| Acute\_Dermal\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.001965191539 |  | 0.20% |
| Acute\_Dermal\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0005061218146 |  | 0.05% |
| Acute\_Dermal\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001833198601 |  | 0.18% |
| Acute\_Dermal\_Binary\_target | Acute\_Aquatic\_Binary | 0.001286528071 |  | 0.13% |
| Acute\_Dermal\_Binary\_target | Acute\_Inhalation\_Binary | 0.09803813764 |  | 9.80% |
| Acute\_Dermal\_Binary\_target | Acute\_Oral\_Binary | 0.1270381369 |  | 12.70% |
| Acute\_Dermal\_Binary\_target | Chronic\_Aquatic\_Binary | 0.01231161641 |  | 1.23% |
| Acute\_Dermal\_Binary\_target | Eye\_Irritation\_Binary | 0.03183405588 |  | 3.18% |
| Acute\_Dermal\_Binary\_target | Mutagenic\_Binary | 0.02127937108 |  | 2.13% |
| Acute\_Dermal\_Binary\_target | Skin\_Corrosion\_Binary | 0.03271426095 |  | 3.27% |
| Acute\_Dermal\_Binary\_target | Skin\_Sensitisation\_Binary | 0.001615688138 |  | 0.16% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00009479954883 |  | 0.01% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.001359848245 |  | 0.14% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.006550628609 |  | 0.66% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.002878027921 |  | 0.29% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001681598359 |  | 0.17% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0004004866404 |  | 0.04% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.0007261760973 |  | 0.07% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002751577487 |  | 0.03% |
| Acute\_Inhalation\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001073343449 |  | 0.11% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0008778531899 |  | 0.09% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.001996065212 |  | 0.20% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.01862113991 |  | 1.86% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.001055526094 |  | 0.11% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0007067450917 |  | 0.07% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006914334034 |  | 0.07% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.004641239912 |  | 0.46% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004675083122 |  | 0.05% |
| Acute\_Inhalation\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0004295260625 |  | 0.04% |
| Acute\_Inhalation\_Binary\_target | Acute\_Aquatic\_Binary | 0.0003602590601 |  | 0.04% |
| Acute\_Inhalation\_Binary\_target | Acute\_Dermal\_Binary | 0.08227703755 |  | 8.23% |
| Acute\_Inhalation\_Binary\_target | Acute\_Oral\_Binary | 0.04446364205 |  | 4.45% |
| Acute\_Inhalation\_Binary\_target | Chronic\_Aquatic\_Binary | 0.006261452208 |  | 0.63% |
| Acute\_Inhalation\_Binary\_target | Eye\_Irritation\_Binary | 0.000600283281 |  | 0.06% |
| Acute\_Inhalation\_Binary\_target | Mutagenic\_Binary | 0.002165058362 |  | 0.22% |
| Acute\_Inhalation\_Binary\_target | Skin\_Corrosion\_Binary | 0.001054991996 |  | 0.11% |
| Acute\_Inhalation\_Binary\_target | Skin\_Sensitisation\_Binary | 0.002265210593 |  | 0.23% |
| Acute\_Oral\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004788356117 |  | 0.05% |
| Acute\_Oral\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0004140845284 |  | 0.04% |
| Acute\_Oral\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0008025834423 |  | 0.08% |
| Acute\_Oral\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.003690604749 |  | 0.37% |
| Acute\_Oral\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0008243153055 |  | 0.08% |
| Acute\_Oral\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0006269300484 |  | 0.06% |
| Acute\_Oral\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.001408572843 |  | 0.14% |
| Acute\_Oral\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007988793529 |  | 0.08% |
| Acute\_Oral\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0008248286302 |  | 0.08% |
| Acute\_Oral\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.001034168685 |  | 0.10% |
| Acute\_Oral\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.003491949011 |  | 0.35% |
| Acute\_Oral\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002248616055 |  | 0.22% |
| Acute\_Oral\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.02431028819 |  | 2.43% |
| Acute\_Oral\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003652233634 |  | 0.37% |
| Acute\_Oral\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0007947589133 |  | 0.08% |
| Acute\_Oral\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.004000385123 |  | 0.40% |
| Acute\_Oral\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000707764866 |  | 0.07% |
| Acute\_Oral\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001247161098 |  | 0.12% |
| Acute\_Oral\_Binary\_target | Acute\_Aquatic\_Binary | 0.0088629072 |  | 0.89% |
| Acute\_Oral\_Binary\_target | Acute\_Dermal\_Binary | 0.09864879804 |  | 9.86% |
| Acute\_Oral\_Binary\_target | Acute\_Inhalation\_Binary | 0.06206884271 |  | 6.21% |
| Acute\_Oral\_Binary\_target | Chronic\_Aquatic\_Binary | 0.001747167762 |  | 0.17% |
| Acute\_Oral\_Binary\_target | Eye\_Irritation\_Binary | 0.03487099755 |  | 3.49% |
| Acute\_Oral\_Binary\_target | Mutagenic\_Binary | 0.01422609559 |  | 1.42% |
| Acute\_Oral\_Binary\_target | Skin\_Corrosion\_Binary | 0.04865679819 |  | 4.87% |
| Acute\_Oral\_Binary\_target | Skin\_Sensitisation\_Binary | 0.007059961149 |  | 0.71% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0008169014895 |  | 0.08% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0003250856562 |  | 0.03% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0007630336486 |  | 0.08% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.0003409413638 |  | 0.03% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.01421696875 |  | 1.42% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.001107468962 |  | 0.11% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.00302215426 |  | 0.30% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007598969568 |  | 0.08% |
| Chronic\_Aquatic\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001692945413 |  | 0.17% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001952632067 |  | 0.02% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.0001900298746 |  | 0.02% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0002545403389 |  | 0.03% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.0001811213208 |  | 0.02% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.01891905905 |  | 1.89% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004073701932 |  | 0.04% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.0003058124751 |  | 0.03% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001204086545 |  | 0.01% |
| Chronic\_Aquatic\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0009336574866 |  | 0.09% |
| Chronic\_Aquatic\_Binary\_target | Acute\_Aquatic\_Binary | 0.00159843363 |  | 0.16% |
| Chronic\_Aquatic\_Binary\_target | Acute\_Dermal\_Binary | 0.0001220935605 |  | 0.01% |
| Chronic\_Aquatic\_Binary\_target | Acute\_Inhalation\_Binary | 0.0001197341753 |  | 0.01% |
| Chronic\_Aquatic\_Binary\_target | Acute\_Oral\_Binary | 0.0002376599926 |  | 0.02% |
| Chronic\_Aquatic\_Binary\_target | Eye\_Irritation\_Binary | 0.0005931353721 |  | 0.06% |
| Chronic\_Aquatic\_Binary\_target | Mutagenic\_Binary | 0.0008417878201 |  | 0.08% |
| Chronic\_Aquatic\_Binary\_target | Skin\_Corrosion\_Binary | 0.0003595619097 |  | 0.04% |
| Chronic\_Aquatic\_Binary\_target | Skin\_Sensitisation\_Binary | 0.0002034004193 |  | 0.02% |
| Eye\_Irritation\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001611148832 |  | 0.02% |
| Eye\_Irritation\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001134432123 |  | 0.01% |
| Eye\_Irritation\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003153140237 |  | 0.03% |
| Eye\_Irritation\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.00007418102601 |  | 0.01% |
| Eye\_Irritation\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001718188829 |  | 0.17% |
| Eye\_Irritation\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.00464227759 |  | 0.46% |
| Eye\_Irritation\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.001656255195 |  | 0.17% |
| Eye\_Irritation\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.001388299568 |  | 0.14% |
| Eye\_Irritation\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0008999488241 |  | 0.09% |
| Eye\_Irritation\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003626389112 |  | 0.04% |
| Eye\_Irritation\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.0007111832782 |  | 0.07% |
| Eye\_Irritation\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0007586215601 |  | 0.08% |
| Eye\_Irritation\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.001474595265 |  | 0.15% |
| Eye\_Irritation\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.005601845654 |  | 0.56% |
| Eye\_Irritation\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.02655038722 |  | 2.66% |
| Eye\_Irritation\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.001773191352 |  | 0.18% |
| Eye\_Irritation\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.006036739912 |  | 0.60% |
| Eye\_Irritation\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.003445485315 |  | 0.34% |
| Eye\_Irritation\_Binary\_target | Acute\_Aquatic\_Binary | 0.00172579632 |  | 0.17% |
| Eye\_Irritation\_Binary\_target | Acute\_Dermal\_Binary | 0.0064836543 |  | 0.65% |
| Eye\_Irritation\_Binary\_target | Acute\_Inhalation\_Binary | 0.00639887088 |  | 0.64% |
| Eye\_Irritation\_Binary\_target | Acute\_Oral\_Binary | 0.002780474032 |  | 0.28% |
| Eye\_Irritation\_Binary\_target | Chronic\_Aquatic\_Binary | 0.005830665205 |  | 0.58% |
| Eye\_Irritation\_Binary\_target | Mutagenic\_Binary | 0.005536922045 |  | 0.55% |
| Eye\_Irritation\_Binary\_target | Skin\_Corrosion\_Binary | 0.2366617045 |  | 23.67% |
| Eye\_Irritation\_Binary\_target | Skin\_Sensitisation\_Binary | 0.004752353129 |  | 0.48% |
| H200\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H200\_negative\_analogue | Acute\_Dermal\_Binary | 0.00006101429364 |  | 0.01% |
| H200\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H200\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H200\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0000282804378 |  | 0.00% |
| H200\_negative\_analogue | Eye\_Irritation\_Binary | 0.000009467117819 |  | 0.00% |
| H200\_negative\_analogue | Mutagenic\_Binary | 0.00005058006125 |  | 0.01% |
| H200\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00002130161029 |  | 0.00% |
| H200\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001437721553 |  | 0.01% |
| H200\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H200\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H200\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H200\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H200\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H200\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H200\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H200\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H200\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H200\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H200\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H201\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H201\_negative\_analogue | Acute\_Dermal\_Binary | 0.00001046437205 |  | 0.00% |
| H201\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001397841195 |  | 0.01% |
| H201\_negative\_analogue | Acute\_Oral\_Binary | 0.000006313305848 |  | 0.00% |
| H201\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0006247280094 |  | 0.06% |
| H201\_negative\_analogue | Eye\_Irritation\_Binary | 0.000003812114831 |  | 0.00% |
| H201\_negative\_analogue | Mutagenic\_Binary | 0.0001244297487 |  | 0.01% |
| H201\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H201\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0002818162858 |  | 0.03% |
| H201\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002395609505 |  | 0.02% |
| H201\_positive\_analogue | Acute\_Dermal\_Binary | 0.00039541641 |  | 0.04% |
| H201\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0007413339583 |  | 0.07% |
| H201\_positive\_analogue | Acute\_Oral\_Binary | 0.0003957320772 |  | 0.04% |
| H201\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002292459077 |  | 0.23% |
| H201\_positive\_analogue | Eye\_Irritation\_Binary | 0.0009057432188 |  | 0.09% |
| H201\_positive\_analogue | Mutagenic\_Binary | 0.001880652696 |  | 0.19% |
| H201\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004428501066 |  | 0.04% |
| H201\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001287546684 |  | 0.13% |
| H201\_target | Acute\_Aquatic\_Binary | 0.03835054204 |  | 3.84% |
| H201\_target | Acute\_Dermal\_Binary | 0.03407501418 |  | 3.41% |
| H201\_target | Acute\_Inhalation\_Binary | 0.01707454025 |  | 1.71% |
| H201\_target | Acute\_Oral\_Binary | 0.01944690522 |  | 1.94% |
| H201\_target | Chronic\_Aquatic\_Binary | 0.004234746067 |  | 0.42% |
| H201\_target | Eye\_Irritation\_Binary | 0.006869983469 |  | 0.69% |
| H201\_target | Mutagenic\_Binary | 0.03039245732 |  | 3.04% |
| H201\_target | Skin\_Corrosion\_Binary | 0.008453976142 |  | 0.85% |
| H201\_target | Skin\_Sensitisation\_Binary | 0.04733328608 |  | 4.73% |
| H202\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H202\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00004286693236 |  | 0.00% |
| H202\_negative\_analogue | Acute\_Oral\_Binary | 0.00002473872378 |  | 0.00% |
| H202\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H202\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H202\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00001560279396 |  | 0.00% |
| H202\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H202\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H202\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H202\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H202\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H202\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H202\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H202\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H202\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H202\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00002718456815 |  | 0.00% |
| H203\_negative\_analogue | Eye\_Irritation\_Binary | 0.00002798037274 |  | 0.00% |
| H203\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H203\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00001590706557 |  | 0.00% |
| H203\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H203\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H203\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H203\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H203\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H203\_target | Acute\_Oral\_Binary | 0.00001160799611 |  | 0.00% |
| H203\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H203\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H203\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H203\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H203\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H220\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H220\_negative\_analogue | Acute\_Dermal\_Binary | 0.00006314177559 |  | 0.01% |
| H220\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001815381076 |  | 0.02% |
| H220\_negative\_analogue | Acute\_Oral\_Binary | 0.00001151367189 |  | 0.00% |
| H220\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003027846083 |  | 0.03% |
| H220\_negative\_analogue | Eye\_Irritation\_Binary | 0.00008441405658 |  | 0.01% |
| H220\_negative\_analogue | Mutagenic\_Binary | 0.001736054818 |  | 0.17% |
| H220\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0000650220604 |  | 0.01% |
| H220\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0003393569571 |  | 0.03% |
| H220\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002754189632 |  | 0.03% |
| H220\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004333551262 |  | 0.04% |
| H220\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0002149176214 |  | 0.02% |
| H220\_positive\_analogue | Acute\_Oral\_Binary | 0.000235299348 |  | 0.02% |
| H220\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003096193218 |  | 0.31% |
| H220\_positive\_analogue | Eye\_Irritation\_Binary | 0.0005103826262 |  | 0.05% |
| H220\_positive\_analogue | Mutagenic\_Binary | 0.001475635228 |  | 0.15% |
| H220\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0005825173779 |  | 0.06% |
| H220\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.003184671314 |  | 0.32% |
| H220\_target | Acute\_Aquatic\_Binary | 0.04278104068 |  | 4.28% |
| H220\_target | Acute\_Dermal\_Binary | 0.03193620463 |  | 3.19% |
| H220\_target | Acute\_Inhalation\_Binary | 0.02934930426 |  | 2.93% |
| H220\_target | Acute\_Oral\_Binary | 0.03663981764 |  | 3.66% |
| H220\_target | Chronic\_Aquatic\_Binary | 0.001165408133 |  | 0.12% |
| H220\_target | Eye\_Irritation\_Binary | 0.02213949994 |  | 2.21% |
| H220\_target | Mutagenic\_Binary | 0.02347019524 |  | 2.35% |
| H220\_target | Skin\_Corrosion\_Binary | 0.03200571591 |  | 3.20% |
| H220\_target | Skin\_Sensitisation\_Binary | 0.028581156 |  | 2.86% |
| H221\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Mutagenic\_Binary | 0.00002723871745 |  | 0.00% |
| H221\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H221\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H221\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H221\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H221\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H221\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H221\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H221\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H221\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H221\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H221\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H223\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H223\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H223\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H223\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H223\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H223\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H223\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H223\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H223\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H223\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H224\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001345895449 |  | 0.01% |
| H224\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001023575323 |  | 0.01% |
| H224\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002838134349 |  | 0.03% |
| H224\_negative\_analogue | Acute\_Oral\_Binary | 0.000194136695 |  | 0.02% |
| H224\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0004895330827 |  | 0.05% |
| H224\_negative\_analogue | Eye\_Irritation\_Binary | 0.0003742175572 |  | 0.04% |
| H224\_negative\_analogue | Mutagenic\_Binary | 0.0003963631379 |  | 0.04% |
| H224\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001863662508 |  | 0.02% |
| H224\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001272396845 |  | 0.01% |
| H224\_positive\_analogue | Acute\_Aquatic\_Binary | 0.01056416469 |  | 1.06% |
| H224\_positive\_analogue | Acute\_Dermal\_Binary | 0.002424982462 |  | 0.24% |
| H224\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005701276566 |  | 0.06% |
| H224\_positive\_analogue | Acute\_Oral\_Binary | 0.0002009269759 |  | 0.02% |
| H224\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.00201240852 |  | 0.20% |
| H224\_positive\_analogue | Eye\_Irritation\_Binary | 0.001635666772 |  | 0.16% |
| H224\_positive\_analogue | Mutagenic\_Binary | 0.01110792451 |  | 1.11% |
| H224\_positive\_analogue | Skin\_Corrosion\_Binary | 0.001238990294 |  | 0.12% |
| H224\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001191170364 |  | 0.12% |
| H224\_target | Acute\_Aquatic\_Binary | 0.01115754858 |  | 1.12% |
| H224\_target | Acute\_Dermal\_Binary | 0.00612051809 |  | 0.61% |
| H224\_target | Acute\_Inhalation\_Binary | 0.001195251591 |  | 0.12% |
| H224\_target | Acute\_Oral\_Binary | 0.008263605315 |  | 0.83% |
| H224\_target | Chronic\_Aquatic\_Binary | 0.001892120217 |  | 0.19% |
| H224\_target | Eye\_Irritation\_Binary | 0.002877915663 |  | 0.29% |
| H224\_target | Mutagenic\_Binary | 0.004582924091 |  | 0.46% |
| H224\_target | Skin\_Corrosion\_Binary | 0.004223777527 |  | 0.42% |
| H224\_target | Skin\_Sensitisation\_Binary | 0.008117486526 |  | 0.81% |
| H225\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003873491779 |  | 0.04% |
| H225\_negative\_analogue | Acute\_Dermal\_Binary | 0.0003042208541 |  | 0.03% |
| H225\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000460363773 |  | 0.05% |
| H225\_negative\_analogue | Acute\_Oral\_Binary | 0.0003552464839 |  | 0.04% |
| H225\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.002765985112 |  | 0.28% |
| H225\_negative\_analogue | Eye\_Irritation\_Binary | 0.0006715954937 |  | 0.07% |
| H225\_negative\_analogue | Mutagenic\_Binary | 0.0004495910507 |  | 0.04% |
| H225\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0008793450384 |  | 0.09% |
| H225\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0006339899604 |  | 0.06% |
| H225\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0007806076529 |  | 0.08% |
| H225\_positive\_analogue | Acute\_Dermal\_Binary | 0.0002682646016 |  | 0.03% |
| H225\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0009555862173 |  | 0.10% |
| H225\_positive\_analogue | Acute\_Oral\_Binary | 0.0005018908143 |  | 0.05% |
| H225\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001925774369 |  | 0.19% |
| H225\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006915593909 |  | 0.07% |
| H225\_positive\_analogue | Mutagenic\_Binary | 0.004098812432 |  | 0.41% |
| H225\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004081854048 |  | 0.04% |
| H225\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008586580045 |  | 0.09% |
| H225\_target | Acute\_Aquatic\_Binary | 0.01056618092 |  | 1.06% |
| H225\_target | Acute\_Dermal\_Binary | 0.007171580023 |  | 0.72% |
| H225\_target | Acute\_Inhalation\_Binary | 0.004499643129 |  | 0.45% |
| H225\_target | Acute\_Oral\_Binary | 0.0566829034 |  | 5.67% |
| H225\_target | Chronic\_Aquatic\_Binary | 0.008240926719 |  | 0.82% |
| H225\_target | Eye\_Irritation\_Binary | 0.009532929247 |  | 0.95% |
| H225\_target | Mutagenic\_Binary | 0.01225175215 |  | 1.23% |
| H225\_target | Skin\_Corrosion\_Binary | 0.005811767564 |  | 0.58% |
| H225\_target | Skin\_Sensitisation\_Binary | 0.01813391294 |  | 1.81% |
| H226\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001355473502 |  | 0.01% |
| H226\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001098525191 |  | 0.01% |
| H226\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003399422107 |  | 0.03% |
| H226\_negative\_analogue | Acute\_Oral\_Binary | 0.0002497733127 |  | 0.02% |
| H226\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0006110909184 |  | 0.06% |
| H226\_negative\_analogue | Eye\_Irritation\_Binary | 0.001999778841 |  | 0.20% |
| H226\_negative\_analogue | Mutagenic\_Binary | 0.001533552207 |  | 0.15% |
| H226\_negative\_analogue | Skin\_Corrosion\_Binary | 0.003012661314 |  | 0.30% |
| H226\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000606862096 |  | 0.06% |
| H226\_positive\_analogue | Acute\_Aquatic\_Binary | 0.000237162566 |  | 0.02% |
| H226\_positive\_analogue | Acute\_Dermal\_Binary | 0.0005618792044 |  | 0.06% |
| H226\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0007799834559 |  | 0.08% |
| H226\_positive\_analogue | Acute\_Oral\_Binary | 0.0003957242299 |  | 0.04% |
| H226\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002136488423 |  | 0.21% |
| H226\_positive\_analogue | Eye\_Irritation\_Binary | 0.0001604352905 |  | 0.02% |
| H226\_positive\_analogue | Mutagenic\_Binary | 0.002727633498 |  | 0.27% |
| H226\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003928446393 |  | 0.04% |
| H226\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.002924095281 |  | 0.29% |
| H226\_target | Acute\_Aquatic\_Binary | 0.07134847907 |  | 7.13% |
| H226\_target | Acute\_Dermal\_Binary | 0.03520105319 |  | 3.52% |
| H226\_target | Acute\_Inhalation\_Binary | 0.03181791489 |  | 3.18% |
| H226\_target | Acute\_Oral\_Binary | 0.0652143472 |  | 6.52% |
| H226\_target | Chronic\_Aquatic\_Binary | 0.0003634612578 |  | 0.04% |
| H226\_target | Eye\_Irritation\_Binary | 0.04248185197 |  | 4.25% |
| H226\_target | Mutagenic\_Binary | 0.03063897765 |  | 3.06% |
| H226\_target | Skin\_Corrosion\_Binary | 0.04877801067 |  | 4.88% |
| H226\_target | Skin\_Sensitisation\_Binary | 0.01524828021 |  | 1.52% |
| H227\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00002531591959 |  | 0.00% |
| H227\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H227\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H227\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H227\_target | Acute\_Aquatic\_Binary | 0.00004217923848 |  | 0.00% |
| H227\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H227\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H227\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H227\_target | Chronic\_Aquatic\_Binary | 0.00003388847785 |  | 0.00% |
| H227\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H227\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H227\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H227\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H228\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001802328353 |  | 0.02% |
| H228\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002255824667 |  | 0.02% |
| H228\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0005039245604 |  | 0.05% |
| H228\_negative\_analogue | Acute\_Oral\_Binary | 0.0002024418149 |  | 0.02% |
| H228\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0005706292618 |  | 0.06% |
| H228\_negative\_analogue | Eye\_Irritation\_Binary | 0.0005607007126 |  | 0.06% |
| H228\_negative\_analogue | Mutagenic\_Binary | 0.00260396974 |  | 0.26% |
| H228\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007918383721 |  | 0.08% |
| H228\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004275994199 |  | 0.04% |
| H228\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002418051205 |  | 0.02% |
| H228\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004923310589 |  | 0.05% |
| H228\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008130501825 |  | 0.08% |
| H228\_positive\_analogue | Acute\_Oral\_Binary | 0.0002350290025 |  | 0.02% |
| H228\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001702379441 |  | 0.17% |
| H228\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004718208754 |  | 0.05% |
| H228\_positive\_analogue | Mutagenic\_Binary | 0.002189611908 |  | 0.22% |
| H228\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0007524674643 |  | 0.08% |
| H228\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0007118444614 |  | 0.07% |
| H228\_target | Acute\_Aquatic\_Binary | 0.03350785255 |  | 3.35% |
| H228\_target | Acute\_Dermal\_Binary | 0.0776795345 |  | 7.77% |
| H228\_target | Acute\_Inhalation\_Binary | 0.05963989078 |  | 5.96% |
| H228\_target | Acute\_Oral\_Binary | 0.03273607384 |  | 3.27% |
| H228\_target | Chronic\_Aquatic\_Binary | 0.02186855092 |  | 2.19% |
| H228\_target | Eye\_Irritation\_Binary | 0.02526001288 |  | 2.53% |
| H228\_target | Mutagenic\_Binary | 0.0215968482 |  | 2.16% |
| H228\_target | Skin\_Corrosion\_Binary | 0.04012468451 |  | 4.01% |
| H228\_target | Skin\_Sensitisation\_Binary | 0.04418925729 |  | 4.42% |
| H240\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Acute\_Dermal\_Binary | 0.00001387186808 |  | 0.00% |
| H240\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H240\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0000257140023 |  | 0.00% |
| H240\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H240\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H240\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H240\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H240\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H240\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H240\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H240\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H240\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H240\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H242\_negative\_analogue | Acute\_Aquatic\_Binary | 0.000446076402 |  | 0.04% |
| H242\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001753525501 |  | 0.02% |
| H242\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000004457051697 |  | 0.00% |
| H242\_negative\_analogue | Acute\_Oral\_Binary | 0.0002088352082 |  | 0.02% |
| H242\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0002082292342 |  | 0.02% |
| H242\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002322406881 |  | 0.02% |
| H242\_negative\_analogue | Mutagenic\_Binary | 0.001477973685 |  | 0.15% |
| H242\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00003407698407 |  | 0.00% |
| H242\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004692159074 |  | 0.05% |
| H242\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0005266031213 |  | 0.05% |
| H242\_positive\_analogue | Acute\_Dermal\_Binary | 0.000247034511 |  | 0.02% |
| H242\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005577897461 |  | 0.06% |
| H242\_positive\_analogue | Acute\_Oral\_Binary | 0.0005287259386 |  | 0.05% |
| H242\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001529822999 |  | 0.15% |
| H242\_positive\_analogue | Eye\_Irritation\_Binary | 0.001960959413 |  | 0.20% |
| H242\_positive\_analogue | Mutagenic\_Binary | 0.002134460767 |  | 0.21% |
| H242\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004586562748 |  | 0.05% |
| H242\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0005655109084 |  | 0.06% |
| H242\_target | Acute\_Aquatic\_Binary | 0.03826631876 |  | 3.83% |
| H242\_target | Acute\_Dermal\_Binary | 0.02858076966 |  | 2.86% |
| H242\_target | Acute\_Inhalation\_Binary | 0.02867355187 |  | 2.87% |
| H242\_target | Acute\_Oral\_Binary | 0.003349195006 |  | 0.33% |
| H242\_target | Chronic\_Aquatic\_Binary | 0.001558959027 |  | 0.16% |
| H242\_target | Eye\_Irritation\_Binary | 0.02099187081 |  | 2.10% |
| H242\_target | Mutagenic\_Binary | 0.01957435513 |  | 1.96% |
| H242\_target | Skin\_Corrosion\_Binary | 0.02618507516 |  | 2.62% |
| H242\_target | Skin\_Sensitisation\_Binary | 0.03026725703 |  | 3.03% |
| H250\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00001379871117 |  | 0.00% |
| H250\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001007692771 |  | 0.01% |
| H250\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00008443581026 |  | 0.01% |
| H250\_negative\_analogue | Acute\_Oral\_Binary | 0.00005454490728 |  | 0.01% |
| H250\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0001134182217 |  | 0.01% |
| H250\_negative\_analogue | Eye\_Irritation\_Binary | 0.00009727195055 |  | 0.01% |
| H250\_negative\_analogue | Mutagenic\_Binary | 0.0001390649349 |  | 0.01% |
| H250\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00005227691187 |  | 0.01% |
| H250\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001367075642 |  | 0.01% |
| H250\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0009052948171 |  | 0.09% |
| H250\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003899011069 |  | 0.04% |
| H250\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008410660175 |  | 0.08% |
| H250\_positive\_analogue | Acute\_Oral\_Binary | 0.001567688602 |  | 0.16% |
| H250\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003079762781 |  | 0.31% |
| H250\_positive\_analogue | Eye\_Irritation\_Binary | 0.0008445281457 |  | 0.08% |
| H250\_positive\_analogue | Mutagenic\_Binary | 0.002173247791 |  | 0.22% |
| H250\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004640483797 |  | 0.05% |
| H250\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.003059554648 |  | 0.31% |
| H250\_target | Acute\_Aquatic\_Binary | 0.04128104086 |  | 4.13% |
| H250\_target | Acute\_Dermal\_Binary | 0.03227041869 |  | 3.23% |
| H250\_target | Acute\_Inhalation\_Binary | 0.01519976485 |  | 1.52% |
| H250\_target | Acute\_Oral\_Binary | 0.03968248426 |  | 3.97% |
| H250\_target | Chronic\_Aquatic\_Binary | 0.01298831127 |  | 1.30% |
| H250\_target | Eye\_Irritation\_Binary | 0.009789631008 |  | 0.98% |
| H250\_target | Mutagenic\_Binary | 0.02216586425 |  | 2.22% |
| H250\_target | Skin\_Corrosion\_Binary | 0.02491161012 |  | 2.49% |
| H250\_target | Skin\_Sensitisation\_Binary | 0.04662843177 |  | 4.66% |
| H251\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00005182477794 |  | 0.01% |
| H251\_negative\_analogue | Acute\_Dermal\_Binary | 0.00003055438221 |  | 0.00% |
| H251\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00002038711717 |  | 0.00% |
| H251\_negative\_analogue | Acute\_Oral\_Binary | 0.00002331000922 |  | 0.00% |
| H251\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H251\_negative\_analogue | Eye\_Irritation\_Binary | 0.000154859576 |  | 0.02% |
| H251\_negative\_analogue | Mutagenic\_Binary | 0.00003016936934 |  | 0.00% |
| H251\_negative\_analogue | Skin\_Corrosion\_Binary | 0.000117391777 |  | 0.01% |
| H251\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H251\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0004842697543 |  | 0.05% |
| H251\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004556236695 |  | 0.05% |
| H251\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0001865192553 |  | 0.02% |
| H251\_positive\_analogue | Acute\_Oral\_Binary | 0.0003581888846 |  | 0.04% |
| H251\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001372754541 |  | 0.14% |
| H251\_positive\_analogue | Eye\_Irritation\_Binary | 0.0007259063896 |  | 0.07% |
| H251\_positive\_analogue | Mutagenic\_Binary | 0.003222400305 |  | 0.32% |
| H251\_positive\_analogue | Skin\_Corrosion\_Binary | 0.001341076066 |  | 0.13% |
| H251\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001266766819 |  | 0.13% |
| H251\_target | Acute\_Aquatic\_Binary | 0.03544887093 |  | 3.54% |
| H251\_target | Acute\_Dermal\_Binary | 0.007003336029 |  | 0.70% |
| H251\_target | Acute\_Inhalation\_Binary | 0.03022978422 |  | 3.02% |
| H251\_target | Acute\_Oral\_Binary | 0.02712653244 |  | 2.71% |
| H251\_target | Chronic\_Aquatic\_Binary | 0.0006871492963 |  | 0.07% |
| H251\_target | Eye\_Irritation\_Binary | 0.00081151018 |  | 0.08% |
| H251\_target | Mutagenic\_Binary | 0.01715948363 |  | 1.72% |
| H251\_target | Skin\_Corrosion\_Binary | 0.0003253729433 |  | 0.03% |
| H251\_target | Skin\_Sensitisation\_Binary | 0.02955867354 |  | 2.96% |
| H252\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0000145697468 |  | 0.00% |
| H252\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H252\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H252\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H252\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H252\_negative\_analogue | Eye\_Irritation\_Binary | 0.0001371753254 |  | 0.01% |
| H252\_negative\_analogue | Mutagenic\_Binary | 0.00007522225637 |  | 0.01% |
| H252\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00005915624012 |  | 0.01% |
| H252\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.00006899169892 |  | 0.01% |
| H252\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H252\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H252\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H252\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H252\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H252\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H252\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H252\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H252\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H252\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H252\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H260\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001420561076 |  | 0.01% |
| H260\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001384153486 |  | 0.01% |
| H260\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00001114390594 |  | 0.00% |
| H260\_negative\_analogue | Acute\_Oral\_Binary | 0.0001424309477 |  | 0.01% |
| H260\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0001013267832 |  | 0.01% |
| H260\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002302088889 |  | 0.02% |
| H260\_negative\_analogue | Mutagenic\_Binary | 0.0007514836406 |  | 0.08% |
| H260\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001652858064 |  | 0.02% |
| H260\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001534034416 |  | 0.02% |
| H260\_positive\_analogue | Acute\_Aquatic\_Binary | 0.001387335223 |  | 0.14% |
| H260\_positive\_analogue | Acute\_Dermal\_Binary | 0.0008414285621 |  | 0.08% |
| H260\_positive\_analogue | Acute\_Inhalation\_Binary | 0.000383437057 |  | 0.04% |
| H260\_positive\_analogue | Acute\_Oral\_Binary | 0.001186562679 |  | 0.12% |
| H260\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002705509617 |  | 0.27% |
| H260\_positive\_analogue | Eye\_Irritation\_Binary | 0.0008610418685 |  | 0.09% |
| H260\_positive\_analogue | Mutagenic\_Binary | 0.001914231913 |  | 0.19% |
| H260\_positive\_analogue | Skin\_Corrosion\_Binary | 0.001702199184 |  | 0.17% |
| H260\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0004191870712 |  | 0.04% |
| H260\_target | Acute\_Aquatic\_Binary | 0.03511701392 |  | 3.51% |
| H260\_target | Acute\_Dermal\_Binary | 0.031138805 |  | 3.11% |
| H260\_target | Acute\_Inhalation\_Binary | 0.03418329206 |  | 3.42% |
| H260\_target | Acute\_Oral\_Binary | 0.02836431227 |  | 2.84% |
| H260\_target | Chronic\_Aquatic\_Binary | 0.0005129253013 |  | 0.05% |
| H260\_target | Eye\_Irritation\_Binary | 0.02238284998 |  | 2.24% |
| H260\_target | Mutagenic\_Binary | 0.001526961837 |  | 0.15% |
| H260\_target | Skin\_Corrosion\_Binary | 0.02542024042 |  | 2.54% |
| H260\_target | Skin\_Sensitisation\_Binary | 0.03105918247 |  | 3.11% |
| H261\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001999220185 |  | 0.02% |
| H261\_negative\_analogue | Acute\_Dermal\_Binary | 0.00004285930749 |  | 0.00% |
| H261\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001771868397 |  | 0.02% |
| H261\_negative\_analogue | Acute\_Oral\_Binary | 0.0001766657318 |  | 0.02% |
| H261\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00008131676596 |  | 0.01% |
| H261\_negative\_analogue | Eye\_Irritation\_Binary | 0.00009808776312 |  | 0.01% |
| H261\_negative\_analogue | Mutagenic\_Binary | 0.00009295744296 |  | 0.01% |
| H261\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001809282995 |  | 0.02% |
| H261\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001760052912 |  | 0.02% |
| H261\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0005255430847 |  | 0.05% |
| H261\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004807881869 |  | 0.05% |
| H261\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006807779288 |  | 0.07% |
| H261\_positive\_analogue | Acute\_Oral\_Binary | 0.0002825541214 |  | 0.03% |
| H261\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001698600734 |  | 0.17% |
| H261\_positive\_analogue | Eye\_Irritation\_Binary | 0.001281101068 |  | 0.13% |
| H261\_positive\_analogue | Mutagenic\_Binary | 0.00256297298 |  | 0.26% |
| H261\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0006906160235 |  | 0.07% |
| H261\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.002338425555 |  | 0.23% |
| H261\_target | Acute\_Aquatic\_Binary | 0.07047591228 |  |  |
| H261\_target | Acute\_Dermal\_Binary | 0.057298808 |  | 5.73% |
| H261\_target | Acute\_Inhalation\_Binary | 0.06128521525 |  | 6.13% |
| H261\_target | Acute\_Oral\_Binary | 0.02956172127 |  | 2.96% |
| H261\_target | Chronic\_Aquatic\_Binary | 0.04578246104 |  | 7.05% |
| H261\_target | Eye\_Irritation\_Binary | 0.0007267861396 |  | 0.07% |
| H261\_target | Mutagenic\_Binary | 0.03430236566 |  | 3.43% |
| H261\_target | Skin\_Corrosion\_Binary | 0.001769516505 |  | 0.18% |
| H261\_target | Skin\_Sensitisation\_Binary | 0.05591070014 |  | 5.59% |
| H270\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00001756863197 |  | 0.00% |
| H270\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001612427677 |  | 0.02% |
| H270\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001836188574 |  | 0.02% |
| H270\_negative\_analogue | Acute\_Oral\_Binary | 0.00006074455595 |  | 0.01% |
| H270\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003771539285 |  | 0.04% |
| H270\_negative\_analogue | Eye\_Irritation\_Binary | 0.00001470108458 |  | 0.00% |
| H270\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H270\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00003072263144 |  | 0.00% |
| H270\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H270\_positive\_analogue | Acute\_Aquatic\_Binary | 0.005278935265 |  | 0.53% |
| H270\_positive\_analogue | Acute\_Dermal\_Binary | 0.0005720576391 |  | 0.06% |
| H270\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0002847891349 |  | 0.03% |
| H270\_positive\_analogue | Acute\_Oral\_Binary | 0.0007035088394 |  | 0.07% |
| H270\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001150133009 |  | 0.12% |
| H270\_positive\_analogue | Eye\_Irritation\_Binary | 0.0008632069742 |  | 0.09% |
| H270\_positive\_analogue | Mutagenic\_Binary | 0.007400370102 |  | 0.74% |
| H270\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0009213565971 |  | 0.09% |
| H270\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001480080508 |  | 0.15% |
| H270\_target | Acute\_Aquatic\_Binary | 0.01971501741 |  | 1.97% |
| H270\_target | Acute\_Dermal\_Binary | 0.01141509282 |  | 1.14% |
| H270\_target | Acute\_Inhalation\_Binary | 0.00661078985 |  | 0.66% |
| H270\_target | Acute\_Oral\_Binary | 0.01332305939 |  | 1.33% |
| H270\_target | Chronic\_Aquatic\_Binary | 0.004012981886 |  | 0.40% |
| H270\_target | Eye\_Irritation\_Binary | 0.001320055117 |  | 0.13% |
| H270\_target | Mutagenic\_Binary | 0.007849792878 |  | 0.78% |
| H270\_target | Skin\_Corrosion\_Binary | 0.002059889374 |  | 0.21% |
| H270\_target | Skin\_Sensitisation\_Binary | 0.01250594224 |  | 1.25% |
| H271\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001509634042 |  | 0.02% |
| H271\_negative\_analogue | Acute\_Dermal\_Binary | 0.00003852404164 |  | 0.00% |
| H271\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00005181683218 |  | 0.01% |
| H271\_negative\_analogue | Acute\_Oral\_Binary | 0.00006355894391 |  | 0.01% |
| H271\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0001392711235 |  | 0.01% |
| H271\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002006482965 |  | 0.02% |
| H271\_negative\_analogue | Mutagenic\_Binary | 0.0006634740232 |  | 0.07% |
| H271\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00006661133977 |  | 0.01% |
| H271\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.00005002844172 |  | 0.01% |
| H271\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0004626965302 |  | 0.05% |
| H271\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003678599088 |  | 0.04% |
| H271\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0009326905884 |  | 0.09% |
| H271\_positive\_analogue | Acute\_Oral\_Binary | 0.0006773251621 |  | 0.07% |
| H271\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0007782045865 |  | 0.08% |
| H271\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004639047388 |  | 0.05% |
| H271\_positive\_analogue | Mutagenic\_Binary | 0.002279239812 |  | 0.23% |
| H271\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0000874881279 |  | 0.01% |
| H271\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001273179173 |  | 0.13% |
| H271\_target | Acute\_Aquatic\_Binary | 0.06538821173 |  | 6.54% |
| H271\_target | Acute\_Dermal\_Binary | 0.04044708031 |  | 4.04% |
| H271\_target | Acute\_Inhalation\_Binary | 0.04126339634 |  | 4.13% |
| H271\_target | Acute\_Oral\_Binary | 0.04916611129 |  | 4.92% |
| H271\_target | Chronic\_Aquatic\_Binary | 0.02406515367 |  | 2.41% |
| H271\_target | Eye\_Irritation\_Binary | 0.02514480614 |  | 2.51% |
| H271\_target | Mutagenic\_Binary | 0.03259555157 |  | 3.26% |
| H271\_target | Skin\_Corrosion\_Binary | 0.01280169089 |  | 1.28% |
| H271\_target | Skin\_Sensitisation\_Binary | 0.03481067754 |  | 3.48% |
| H272\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003133233906 |  | 0.03% |
| H272\_negative\_analogue | Acute\_Dermal\_Binary | 0.00006517294427 |  | 0.01% |
| H272\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000194704801 |  | 0.02% |
| H272\_negative\_analogue | Acute\_Oral\_Binary | 0.0001746270633 |  | 0.02% |
| H272\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003767631047 |  | 0.04% |
| H272\_negative\_analogue | Eye\_Irritation\_Binary | 0.0003356728005 |  | 0.03% |
| H272\_negative\_analogue | Mutagenic\_Binary | 0.0004249803903 |  | 0.04% |
| H272\_negative\_analogue | Skin\_Corrosion\_Binary | 0.000201338135 |  | 0.02% |
| H272\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.00003031712324 |  | 0.00% |
| H272\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002493498686 |  | 0.02% |
| H272\_positive\_analogue | Acute\_Dermal\_Binary | 0.0002713285895 |  | 0.03% |
| H272\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003656736007 |  | 0.04% |
| H272\_positive\_analogue | Acute\_Oral\_Binary | 0.0005041428814 |  | 0.05% |
| H272\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.00310596896 |  | 0.31% |
| H272\_positive\_analogue | Eye\_Irritation\_Binary | 0.001129122842 |  | 0.11% |
| H272\_positive\_analogue | Mutagenic\_Binary | 0.001463829994 |  | 0.15% |
| H272\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003574563791 |  | 0.04% |
| H272\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.002373439112 |  | 0.24% |
| H272\_target | Acute\_Aquatic\_Binary | 0.09727366198 |  | 9.73% |
| H272\_target | Acute\_Dermal\_Binary | 0.0986227831 |  | 9.86% |
| H272\_target | Acute\_Inhalation\_Binary | 0.1188074464 |  | 11.88% |
| H272\_target | Acute\_Oral\_Binary | 0.1057329165 |  | 10.57% |
| H272\_target | Chronic\_Aquatic\_Binary | 0.04728238955 |  | 4.73% |
| H272\_target | Eye\_Irritation\_Binary | 0.05680622916 |  | 5.68% |
| H272\_target | Mutagenic\_Binary | 0.05879747037 |  | 5.88% |
| H272\_target | Skin\_Corrosion\_Binary | 0.05675906872 |  | 5.68% |
| H272\_target | Skin\_Sensitisation\_Binary | 0.0566174093 |  | 5.66% |
| H280\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002248401624 |  | 0.02% |
| H280\_negative\_analogue | Acute\_Dermal\_Binary | 0.00006518060786 |  | 0.01% |
| H280\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H280\_negative\_analogue | Acute\_Oral\_Binary | 0.00008192101408 |  | 0.01% |
| H280\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003714042986 |  | 0.04% |
| H280\_negative\_analogue | Eye\_Irritation\_Binary | 0.00004857385464 |  | 0.00% |
| H280\_negative\_analogue | Mutagenic\_Binary | 0.0003331949833 |  | 0.03% |
| H280\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00000741337042 |  | 0.00% |
| H280\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0002414109256 |  | 0.02% |
| H280\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0006477477491 |  | 0.06% |
| H280\_positive\_analogue | Acute\_Dermal\_Binary | 0.0002423369914 |  | 0.02% |
| H280\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002036409663 |  | 0.20% |
| H280\_positive\_analogue | Acute\_Oral\_Binary | 0.0006945293293 |  | 0.07% |
| H280\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001709334792 |  | 0.17% |
| H280\_positive\_analogue | Eye\_Irritation\_Binary | 0.000121635589 |  | 0.01% |
| H280\_positive\_analogue | Mutagenic\_Binary | 0.001326055655 |  | 0.13% |
| H280\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003175540484 |  | 0.03% |
| H280\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001316310705 |  | 0.13% |
| H280\_target | Acute\_Aquatic\_Binary | 0.008506594114 |  | 0.85% |
| H280\_target | Acute\_Dermal\_Binary | 0.00004687944094 |  | 0.00% |
| H280\_target | Acute\_Inhalation\_Binary | 0.00009161694175 |  | 0.01% |
| H280\_target | Acute\_Oral\_Binary | 0.0007952521998 |  | 0.08% |
| H280\_target | Chronic\_Aquatic\_Binary | 0.0000651916516 |  | 0.01% |
| H280\_target | Eye\_Irritation\_Binary | 0.0007851549222 |  | 0.08% |
| H280\_target | Mutagenic\_Binary | 0.005397661245 |  | 0.54% |
| H280\_target | Skin\_Corrosion\_Binary | 0.002318235332 |  | 0.23% |
| H280\_target | Skin\_Sensitisation\_Binary | 0.003468405152 |  | 0.35% |
| H290\_negative\_analogue | Acute\_Aquatic\_Binary | 0.000001137154211 |  | 0.00% |
| H290\_negative\_analogue | Acute\_Dermal\_Binary | 0.00009160628472 |  | 0.01% |
| H290\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001577883181 |  | 0.02% |
| H290\_negative\_analogue | Acute\_Oral\_Binary | 0.00007560693214 |  | 0.01% |
| H290\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0002001913598 |  | 0.02% |
| H290\_negative\_analogue | Eye\_Irritation\_Binary | 0.00009380800367 |  | 0.01% |
| H290\_negative\_analogue | Mutagenic\_Binary | 0.00001584820934 |  | 0.00% |
| H290\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001486120402 |  | 0.01% |
| H290\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001351106501 |  | 0.01% |
| H290\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001008324846 |  | 0.01% |
| H290\_positive\_analogue | Acute\_Dermal\_Binary | 0.0001001267632 |  | 0.01% |
| H290\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003640404026 |  | 0.04% |
| H290\_positive\_analogue | Acute\_Oral\_Binary | 0.0005554816024 |  | 0.06% |
| H290\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001997226819 |  | 0.20% |
| H290\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003723197961 |  | 0.04% |
| H290\_positive\_analogue | Mutagenic\_Binary | 0.001571611361 |  | 0.16% |
| H290\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004796436817 |  | 0.05% |
| H290\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008558205393 |  | 0.09% |
| H290\_target | Acute\_Aquatic\_Binary | 0.0003217879947 |  | 0.03% |
| H290\_target | Acute\_Dermal\_Binary | 0.002070539243 |  | 0.21% |
| H290\_target | Acute\_Inhalation\_Binary | 0.008394120831 |  | 0.84% |
| H290\_target | Acute\_Oral\_Binary | 0.001506059114 |  | 0.15% |
| H290\_target | Chronic\_Aquatic\_Binary | 0.003177590078 |  | 0.32% |
| H290\_target | Eye\_Irritation\_Binary | 0.002379450762 |  | 0.24% |
| H290\_target | Mutagenic\_Binary | 0.004547271175 |  | 0.45% |
| H290\_target | Skin\_Corrosion\_Binary | 0.001487210696 |  | 0.15% |
| H290\_target | Skin\_Sensitisation\_Binary | 0.001307649663 |  | 0.13% |
| H300\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003091378512 |  | 0.03% |
| H300\_negative\_analogue | Acute\_Dermal\_Binary | 0.0007227183831 |  | 0.07% |
| H300\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0005460045352 |  | 0.05% |
| H300\_negative\_analogue | Acute\_Oral\_Binary | 0.001014331537 |  | 0.10% |
| H300\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001308860912 |  | 0.13% |
| H300\_negative\_analogue | Eye\_Irritation\_Binary | 0.00006794922449 |  | 0.01% |
| H300\_negative\_analogue | Mutagenic\_Binary | 0.0006960419773 |  | 0.07% |
| H300\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002606903177 |  | 0.03% |
| H300\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0002771407608 |  | 0.03% |
| H300\_positive\_analogue | Acute\_Aquatic\_Binary | 0.000191990314 |  | 0.02% |
| H300\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003280895084 |  | 0.03% |
| H300\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005557796311 |  | 0.06% |
| H300\_positive\_analogue | Acute\_Oral\_Binary | 0.0003399564252 |  | 0.03% |
| H300\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0005203218563 |  | 0.05% |
| H300\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003926485917 |  | 0.04% |
| H300\_positive\_analogue | Mutagenic\_Binary | 0.001029723553 |  | 0.10% |
| H300\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0002434626048 |  | 0.02% |
| H300\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0007182188245 |  | 0.07% |
| H300\_target | Acute\_Aquatic\_Binary | 0.0003602129816 |  | 0.04% |
| H300\_target | Acute\_Dermal\_Binary | 0.002227471307 |  | 0.22% |
| H300\_target | Acute\_Inhalation\_Binary | 0.001691078148 |  | 0.17% |
| H300\_target | Chronic\_Aquatic\_Binary | 0.000185459104 |  | 0.02% |
| H300\_target | Eye\_Irritation\_Binary | 0.001410146874 |  | 0.14% |
| H300\_target | Mutagenic\_Binary | 0.001006065679 |  | 0.10% |
| H300\_target | Skin\_Corrosion\_Binary | 0.00133620633 |  | 0.13% |
| H300\_target | Skin\_Sensitisation\_Binary | 0.0002618336738 |  | 0.03% |
| H301\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004277361501 |  | 0.04% |
| H301\_negative\_analogue | Acute\_Dermal\_Binary | 0.001297497069 |  | 0.13% |
| H301\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001909189936 |  | 0.02% |
| H301\_negative\_analogue | Acute\_Oral\_Binary | 0.002542269036 |  | 0.25% |
| H301\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001649516057 |  | 0.16% |
| H301\_negative\_analogue | Eye\_Irritation\_Binary | 0.001524337586 |  | 0.15% |
| H301\_negative\_analogue | Mutagenic\_Binary | 0.004784989182 |  | 0.48% |
| H301\_negative\_analogue | Skin\_Corrosion\_Binary | 0.001062121467 |  | 0.11% |
| H301\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.002483211116 |  | 0.25% |
| H301\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0000441778277 |  | 0.00% |
| H301\_positive\_analogue | Acute\_Dermal\_Binary | 0.0001785236253 |  | 0.02% |
| H301\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0002093708248 |  | 0.02% |
| H301\_positive\_analogue | Acute\_Oral\_Binary | 0.00154873089 |  | 0.15% |
| H301\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0009982267192 |  | 0.10% |
| H301\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003882344507 |  | 0.04% |
| H301\_positive\_analogue | Mutagenic\_Binary | 0.003462402634 |  | 0.35% |
| H301\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004024113067 |  | 0.04% |
| H301\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0007428380108 |  | 0.07% |
| H301\_target | Acute\_Aquatic\_Binary | 0.0002703084724 |  | 0.03% |
| H301\_target | Acute\_Dermal\_Binary | 0.007000055539 |  | 0.70% |
| H301\_target | Acute\_Inhalation\_Binary | 0.007252154852 |  | 0.73% |
| H301\_target | Chronic\_Aquatic\_Binary | 0.0003613509405 |  | 0.04% |
| H301\_target | Eye\_Irritation\_Binary | 0.0016411768 |  | 0.16% |
| H301\_target | Mutagenic\_Binary | 0.0005840907444 |  | 0.06% |
| H301\_target | Skin\_Corrosion\_Binary | 0.002053234159 |  | 0.21% |
| H301\_target | Skin\_Sensitisation\_Binary | 0.0006761982474 |  | 0.07% |
| H302\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004133020708 |  | 0.04% |
| H302\_negative\_analogue | Acute\_Dermal\_Binary | 0.0007007696846 |  | 0.07% |
| H302\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0007160968695 |  | 0.07% |
| H302\_negative\_analogue | Acute\_Oral\_Binary | 0.002221778708 |  | 0.22% |
| H302\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00148383574 |  | 0.15% |
| H302\_negative\_analogue | Eye\_Irritation\_Binary | 0.001206049076 |  | 0.12% |
| H302\_negative\_analogue | Mutagenic\_Binary | 0.001999252787 |  | 0.20% |
| H302\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007730244746 |  | 0.08% |
| H302\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000510192472 |  | 0.05% |
| H302\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003891795602 |  | 0.04% |
| H302\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003614159166 |  | 0.04% |
| H302\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008870695987 |  | 0.09% |
| H302\_positive\_analogue | Acute\_Oral\_Binary | 0.002953231606 |  | 0.30% |
| H302\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.000768024552 |  | 0.08% |
| H302\_positive\_analogue | Eye\_Irritation\_Binary | 0.0007089404043 |  | 0.07% |
| H302\_positive\_analogue | Mutagenic\_Binary | 0.002231082805 |  | 0.22% |
| H302\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003339909543 |  | 0.03% |
| H302\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.000723373569 |  | 0.07% |
| H302\_target | Acute\_Aquatic\_Binary | 0.000613756898 |  | 0.06% |
| H302\_target | Acute\_Dermal\_Binary | 0.00896606752 |  | 0.90% |
| H302\_target | Acute\_Inhalation\_Binary | 0.009906511429 |  | 0.99% |
| H302\_target | Chronic\_Aquatic\_Binary | 0.0002510328922 |  | 0.03% |
| H302\_target | Eye\_Irritation\_Binary | 0.003014359133 |  | 0.30% |
| H302\_target | Mutagenic\_Binary | 0.001273279776 |  | 0.13% |
| H302\_target | Skin\_Corrosion\_Binary | 0.005557222955 |  | 0.56% |
| H302\_target | Skin\_Sensitisation\_Binary | 0.001092454904 |  | 0.11% |
| H303\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00003918164794 |  | 0.00% |
| H303\_negative\_analogue | Acute\_Dermal\_Binary | 0.00004483906263 |  | 0.00% |
| H303\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00003393066908 |  | 0.00% |
| H303\_negative\_analogue | Acute\_Oral\_Binary | 0.000009221740981 |  | 0.00% |
| H303\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00001121876947 |  | 0.00% |
| H303\_negative\_analogue | Eye\_Irritation\_Binary | 0.00003888228385 |  | 0.00% |
| H303\_negative\_analogue | Mutagenic\_Binary | 0.00002549423284 |  | 0.00% |
| H303\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00003652616252 |  | 0.00% |
| H303\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001305097704 |  | 0.01% |
| H303\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002024622634 |  | 0.02% |
| H303\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004725705595 |  | 0.05% |
| H303\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008042174261 |  | 0.08% |
| H303\_positive\_analogue | Acute\_Oral\_Binary | 0.0005112173451 |  | 0.05% |
| H303\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002161954474 |  | 0.22% |
| H303\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006417607583 |  | 0.06% |
| H303\_positive\_analogue | Mutagenic\_Binary | 0.00146873442 |  | 0.15% |
| H303\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003545093234 |  | 0.04% |
| H303\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001009571812 |  | 0.10% |
| H303\_target | Acute\_Aquatic\_Binary | 0.00007713043274 |  | 0.01% |
| H303\_target | Acute\_Dermal\_Binary | 0.003253371078 |  | 0.33% |
| H303\_target | Acute\_Inhalation\_Binary | 0.002299515066 |  | 0.23% |
| H303\_target | Chronic\_Aquatic\_Binary | 0.00009110715525 |  | 0.01% |
| H303\_target | Eye\_Irritation\_Binary | 0.002365907955 |  | 0.24% |
| H303\_target | Mutagenic\_Binary | 0.0007037876808 |  | 0.07% |
| H303\_target | Skin\_Corrosion\_Binary | 0.003106054713 |  | 0.31% |
| H303\_target | Skin\_Sensitisation\_Binary | 0.0007637203978 |  | 0.08% |
| H304\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004383093264 |  | 0.04% |
| H304\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002397828523 |  | 0.02% |
| H304\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001721040802 |  | 0.02% |
| H304\_negative\_analogue | Acute\_Oral\_Binary | 0.0003132063928 |  | 0.03% |
| H304\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.000687004798 |  | 0.07% |
| H304\_negative\_analogue | Eye\_Irritation\_Binary | 0.0004245012692 |  | 0.04% |
| H304\_negative\_analogue | Mutagenic\_Binary | 0.001270065624 |  | 0.13% |
| H304\_negative\_analogue | Skin\_Corrosion\_Binary | 0.000479577863 |  | 0.05% |
| H304\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001194621287 |  | 0.01% |
| H304\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0004413806197 |  | 0.04% |
| H304\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003801397182 |  | 0.04% |
| H304\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005085666051 |  | 0.05% |
| H304\_positive\_analogue | Acute\_Oral\_Binary | 0.0006270148875 |  | 0.06% |
| H304\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0009257478765 |  | 0.09% |
| H304\_positive\_analogue | Eye\_Irritation\_Binary | 0.001111058723 |  | 0.11% |
| H304\_positive\_analogue | Mutagenic\_Binary | 0.002256004933 |  | 0.23% |
| H304\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0008306964236 |  | 0.08% |
| H304\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001929084001 |  | 0.19% |
| H304\_target | Acute\_Aquatic\_Binary | 0.002368779524 |  | 0.24% |
| H304\_target | Acute\_Dermal\_Binary | 0.00931233518 |  | 0.93% |
| H304\_target | Acute\_Inhalation\_Binary | 0.002917497839 |  | 0.29% |
| H304\_target | Chronic\_Aquatic\_Binary | 0.006445299089 |  | 0.64% |
| H304\_target | Eye\_Irritation\_Binary | 0.00124768427 |  | 0.12% |
| H304\_target | Mutagenic\_Binary | 0.006066462228 |  | 0.61% |
| H304\_target | Skin\_Corrosion\_Binary | 0.003847678719 |  | 0.38% |
| H304\_target | Skin\_Sensitisation\_Binary | 0.009032054084 |  | 0.90% |
| H305\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00001475636085 |  | 0.00% |
| H305\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H305\_negative\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H305\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H305\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H305\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H305\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H305\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H305\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H305\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H305\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H310\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001477395616 |  | 0.01% |
| H310\_negative\_analogue | Acute\_Dermal\_Binary | 0.0004279014114 |  | 0.04% |
| H310\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0007310240232 |  | 0.07% |
| H310\_negative\_analogue | Acute\_Oral\_Binary | 0.0007618619888 |  | 0.08% |
| H310\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003611799649 |  | 0.04% |
| H310\_negative\_analogue | Eye\_Irritation\_Binary | 0.0005171171616 |  | 0.05% |
| H310\_negative\_analogue | Mutagenic\_Binary | 0.001274869175 |  | 0.13% |
| H310\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0004401074842 |  | 0.04% |
| H310\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001072014629 |  | 0.11% |
| H310\_positive\_analogue | Acute\_Aquatic\_Binary | 0.00009097560144 |  | 0.01% |
| H310\_positive\_analogue | Acute\_Dermal\_Binary | 0.0009202967503 |  | 0.09% |
| H310\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006119344009 |  | 0.06% |
| H310\_positive\_analogue | Acute\_Oral\_Binary | 0.0005948181816 |  | 0.06% |
| H310\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001238065524 |  | 0.12% |
| H310\_positive\_analogue | Eye\_Irritation\_Binary | 0.0005297461676 |  | 0.05% |
| H310\_positive\_analogue | Mutagenic\_Binary | 0.00406297397 |  | 0.41% |
| H310\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003545885615 |  | 0.04% |
| H310\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001734661773 |  | 0.17% |
| H310\_target | Acute\_Aquatic\_Binary | 0.01561049536 |  | 1.56% |
| H310\_target | Acute\_Inhalation\_Binary | 0.00743465396 |  | 0.74% |
| H310\_target | Acute\_Oral\_Binary | 0.00329582151 |  | 0.33% |
| H310\_target | Chronic\_Aquatic\_Binary | 0.008107463395 |  | 0.81% |
| H310\_target | Eye\_Irritation\_Binary | 0.01495247979 |  | 1.50% |
| H310\_target | Mutagenic\_Binary | 0.003685830431 |  | 0.37% |
| H310\_target | Skin\_Corrosion\_Binary | 0.01183138875 |  | 1.18% |
| H310\_target | Skin\_Sensitisation\_Binary | 0.02214185665 |  | 2.21% |
| H311\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002619256141 |  | 0.03% |
| H311\_negative\_analogue | Acute\_Dermal\_Binary | 0.006169623074 |  | 0.62% |
| H311\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00155574831 |  | 0.16% |
| H311\_negative\_analogue | Acute\_Oral\_Binary | 0.001361677676 |  | 0.14% |
| H311\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0009933307847 |  | 0.10% |
| H311\_negative\_analogue | Eye\_Irritation\_Binary | 0.000890777263 |  | 0.09% |
| H311\_negative\_analogue | Mutagenic\_Binary | 0.001340374938 |  | 0.13% |
| H311\_negative\_analogue | Skin\_Corrosion\_Binary | 0.001199876228 |  | 0.12% |
| H311\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001450406826 |  | 0.15% |
| H311\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001049305871 |  | 0.01% |
| H311\_positive\_analogue | Acute\_Dermal\_Binary | 0.001460148421 |  | 0.15% |
| H311\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006567772592 |  | 0.07% |
| H311\_positive\_analogue | Acute\_Oral\_Binary | 0.0003434493603 |  | 0.03% |
| H311\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001613562187 |  | 0.16% |
| H311\_positive\_analogue | Eye\_Irritation\_Binary | 0.0002947408721 |  | 0.03% |
| H311\_positive\_analogue | Mutagenic\_Binary | 0.0001940459191 |  | 0.02% |
| H311\_positive\_analogue | Skin\_Corrosion\_Binary | 0.00002168175376 |  | 0.00% |
| H311\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008854964788 |  | 0.09% |
| H311\_target | Acute\_Aquatic\_Binary | 0.0002498923147 |  | 0.02% |
| H311\_target | Acute\_Inhalation\_Binary | 0.007363190754 |  | 0.74% |
| H311\_target | Acute\_Oral\_Binary | 0.005524298933 |  | 0.55% |
| H311\_target | Chronic\_Aquatic\_Binary | 0.000441409711 |  | 0.04% |
| H311\_target | Eye\_Irritation\_Binary | 0.001387105586 |  | 0.14% |
| H311\_target | Mutagenic\_Binary | 0.001147529084 |  | 0.11% |
| H311\_target | Skin\_Corrosion\_Binary | 0.004167368476 |  | 0.42% |
| H311\_target | Skin\_Sensitisation\_Binary | 0.002791674994 |  | 0.28% |
| H312\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003960044102 |  | 0.04% |
| H312\_negative\_analogue | Acute\_Dermal\_Binary | 0.008633645911 |  | 0.86% |
| H312\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000882386433 |  | 0.09% |
| H312\_negative\_analogue | Acute\_Oral\_Binary | 0.000600754605 |  | 0.06% |
| H312\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001208865448 |  | 0.12% |
| H312\_negative\_analogue | Eye\_Irritation\_Binary | 0.001125279776 |  | 0.11% |
| H312\_negative\_analogue | Mutagenic\_Binary | 0.0009825112865 |  | 0.10% |
| H312\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0005269534846 |  | 0.05% |
| H312\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0008878227373 |  | 0.09% |
| H312\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002427054337 |  | 0.02% |
| H312\_positive\_analogue | Acute\_Dermal\_Binary | 0.002940240244 |  | 0.29% |
| H312\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006780109634 |  | 0.07% |
| H312\_positive\_analogue | Acute\_Oral\_Binary | 0.001006155953 |  | 0.10% |
| H312\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001475029126 |  | 0.15% |
| H312\_positive\_analogue | Eye\_Irritation\_Binary | 0.0002210261226 |  | 0.02% |
| H312\_positive\_analogue | Mutagenic\_Binary | 0.0003080392961 |  | 0.03% |
| H312\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000294815639 |  | 0.03% |
| H312\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001001986906 |  | 0.10% |
| H312\_target | Acute\_Aquatic\_Binary | 0.01377952038 |  | 1.38% |
| H312\_target | Acute\_Inhalation\_Binary | 0.08776824981 |  | 8.78% |
| H312\_target | Acute\_Oral\_Binary | 0.02353409187 |  | 2.35% |
| H312\_target | Chronic\_Aquatic\_Binary | 0.004323360856 |  | 0.43% |
| H312\_target | Eye\_Irritation\_Binary | 0.01167876552 |  | 1.17% |
| H312\_target | Mutagenic\_Binary | 0.02687885456 |  | 2.69% |
| H312\_target | Skin\_Corrosion\_Binary | 0.006073216579 |  | 0.61% |
| H312\_target | Skin\_Sensitisation\_Binary | 0.04614421463 |  | 4.61% |
| H314\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003468902707 |  | 0.03% |
| H314\_negative\_analogue | Acute\_Dermal\_Binary | 0.0004558616101 |  | 0.05% |
| H314\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002881024673 |  | 0.03% |
| H314\_negative\_analogue | Acute\_Oral\_Binary | 0.0006142826642 |  | 0.06% |
| H314\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.002330921902 |  | 0.23% |
| H314\_negative\_analogue | Eye\_Irritation\_Binary | 0.007913545821 |  | 0.79% |
| H314\_negative\_analogue | Mutagenic\_Binary | 0.001285489303 |  | 0.13% |
| H314\_negative\_analogue | Skin\_Corrosion\_Binary | 0.005945682628 |  | 0.59% |
| H314\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0008112950725 |  | 0.08% |
| H314\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001671787841 |  | 0.02% |
| H314\_positive\_analogue | Acute\_Dermal\_Binary | 0.0001740565169 |  | 0.02% |
| H314\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0004443496403 |  | 0.04% |
| H314\_positive\_analogue | Acute\_Oral\_Binary | 0.0004134230821 |  | 0.04% |
| H314\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0009994005652 |  | 0.10% |
| H314\_positive\_analogue | Eye\_Irritation\_Binary | 0.0005771434648 |  | 0.06% |
| H314\_positive\_analogue | Mutagenic\_Binary | 0.001169794134 |  | 0.12% |
| H314\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0009101944325 |  | 0.09% |
| H314\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0007376257097 |  | 0.07% |
| H314\_target | Acute\_Aquatic\_Binary | 0.0006171806762 |  | 0.06% |
| H314\_target | Acute\_Dermal\_Binary | 0.003056619069 |  | 0.31% |
| H314\_target | Acute\_Inhalation\_Binary | 0.0003276444296 |  | 0.03% |
| H314\_target | Acute\_Oral\_Binary | 0.002745346788 |  | 0.27% |
| H314\_target | Chronic\_Aquatic\_Binary | 0.001885856229 |  | 0.19% |
| H314\_target | Eye\_Irritation\_Binary | 0.03247030007 |  | 3.25% |
| H314\_target | Mutagenic\_Binary | 0.00006699566757 |  | 0.01% |
| H314\_target | Skin\_Sensitisation\_Binary | 0.001116034513 |  | 0.11% |
| H315\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003313109387 |  | 0.03% |
| H315\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002937808749 |  | 0.03% |
| H315\_negative\_analogue | Acute\_Inhalation\_Binary | 0.001047715358 |  | 0.10% |
| H315\_negative\_analogue | Acute\_Oral\_Binary | 0.0001379033011 |  | 0.01% |
| H315\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001821296113 |  | 0.18% |
| H315\_negative\_analogue | Eye\_Irritation\_Binary | 0.002598419831 |  | 0.26% |
| H315\_negative\_analogue | Mutagenic\_Binary | 0.001195811786 |  | 0.12% |
| H315\_negative\_analogue | Skin\_Corrosion\_Binary | 0.003386326171 |  | 0.34% |
| H315\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001064151146 |  | 0.11% |
| H315\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0005789591997 |  | 0.06% |
| H315\_positive\_analogue | Acute\_Dermal\_Binary | 0.0001766966529 |  | 0.02% |
| H315\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0004380453711 |  | 0.04% |
| H315\_positive\_analogue | Acute\_Oral\_Binary | 0.0001397247955 |  | 0.01% |
| H315\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002681769502 |  | 0.27% |
| H315\_positive\_analogue | Eye\_Irritation\_Binary | 0.00219909718 |  | 0.22% |
| H315\_positive\_analogue | Mutagenic\_Binary | 0.0007680925352 |  | 0.08% |
| H315\_positive\_analogue | Skin\_Corrosion\_Binary | 0.003365595729 |  | 0.34% |
| H315\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0004868721382 |  | 0.05% |
| H315\_target | Acute\_Aquatic\_Binary | 0.0005141337308 |  | 0.05% |
| H315\_target | Acute\_Dermal\_Binary | 0.0002842071454 |  | 0.03% |
| H315\_target | Acute\_Inhalation\_Binary | 0.0003351557301 |  | 0.03% |
| H315\_target | Acute\_Oral\_Binary | 0.008412083883 |  | 0.84% |
| H315\_target | Chronic\_Aquatic\_Binary | 0.0005506095216 |  | 0.06% |
| H315\_target | Eye\_Irritation\_Binary | 0.03092146898 |  | 3.09% |
| H315\_target | Mutagenic\_Binary | 0.005347034786 |  | 0.53% |
| H315\_target | Skin\_Sensitisation\_Binary | 0.006437072838 |  | 0.64% |
| H316\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00005501423921 |  | 0.01% |
| H316\_negative\_analogue | Acute\_Dermal\_Binary | 0.00002347060992 |  | 0.00% |
| H316\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H316\_negative\_analogue | Acute\_Oral\_Binary | 0.00001567008186 |  | 0.00% |
| H316\_negative\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H316\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H316\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H316\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H316\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.00003778206054 |  | 0.00% |
| H316\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H316\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H316\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H316\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H316\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H316\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H316\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H316\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H316\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H316\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H316\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H317\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0006740124109 |  | 0.07% |
| H317\_negative\_analogue | Acute\_Dermal\_Binary | 0.00040290484 |  | 0.04% |
| H317\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003107203564 |  | 0.03% |
| H317\_negative\_analogue | Acute\_Oral\_Binary | 0.0002426190189 |  | 0.02% |
| H317\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.003459551448 |  | 0.35% |
| H317\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002821487184 |  | 0.03% |
| H317\_negative\_analogue | Mutagenic\_Binary | 0.002123067032 |  | 0.21% |
| H317\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0006205033892 |  | 0.06% |
| H317\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.01985591237 |  | 1.99% |
| H317\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001372152611 |  | 0.01% |
| H317\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004403121275 |  | 0.04% |
| H317\_positive\_analogue | Acute\_Inhalation\_Binary | 0.001098017289 |  | 0.11% |
| H317\_positive\_analogue | Acute\_Oral\_Binary | 0.0003139543408 |  | 0.03% |
| H317\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002171693116 |  | 0.22% |
| H317\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006771329677 |  | 0.07% |
| H317\_positive\_analogue | Mutagenic\_Binary | 0.001175024628 |  | 0.12% |
| H317\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004100823883 |  | 0.04% |
| H317\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.02033948427 |  | 2.03% |
| H317\_target | Acute\_Aquatic\_Binary | 0.01897818067 |  | 1.90% |
| H317\_target | Acute\_Dermal\_Binary | 0.008673651227 |  | 0.87% |
| H317\_target | Acute\_Inhalation\_Binary | 0.04487360913 |  | 4.49% |
| H317\_target | Acute\_Oral\_Binary | 0.008361086381 |  | 0.84% |
| H317\_target | Chronic\_Aquatic\_Binary | 0.01231452197 |  | 1.23% |
| H317\_target | Eye\_Irritation\_Binary | 0.05208690295 |  | 5.21% |
| H317\_target | Mutagenic\_Binary | 0.03569260666 |  | 3.57% |
| H317\_target | Skin\_Corrosion\_Binary | 0.01464840735 |  | 1.46% |
| H318\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003655195777 |  | 0.04% |
| H318\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001873640776 |  | 0.02% |
| H318\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0007456388919 |  | 0.07% |
| H318\_negative\_analogue | Acute\_Oral\_Binary | 0.0003589031083 |  | 0.04% |
| H318\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00123963507 |  | 0.12% |
| H318\_negative\_analogue | Eye\_Irritation\_Binary | 0.004865416876 |  | 0.49% |
| H318\_negative\_analogue | Mutagenic\_Binary | 0.0002920152317 |  | 0.03% |
| H318\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007904917015 |  | 0.08% |
| H318\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001130030289 |  | 0.11% |
| H318\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003409493721 |  | 0.03% |
| H318\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004343036767 |  | 0.04% |
| H318\_positive\_analogue | Acute\_Inhalation\_Binary | 0.000273702434 |  | 0.03% |
| H318\_positive\_analogue | Acute\_Oral\_Binary | 0.0003381407153 |  | 0.03% |
| H318\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001552290102 |  | 0.16% |
| H318\_positive\_analogue | Eye\_Irritation\_Binary | 0.001691600842 |  | 0.17% |
| H318\_positive\_analogue | Mutagenic\_Binary | 0.001763718292 |  | 0.18% |
| H318\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0006323868886 |  | 0.06% |
| H318\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.000740292854 |  | 0.07% |
| H318\_target | Acute\_Aquatic\_Binary | 0.00005173394488 |  | 0.01% |
| H318\_target | Acute\_Dermal\_Binary | 0.001024771053 |  | 0.10% |
| H318\_target | Acute\_Inhalation\_Binary | 0.000436362623 |  | 0.04% |
| H318\_target | Acute\_Oral\_Binary | 0.001499240067 |  | 0.15% |
| H318\_target | Chronic\_Aquatic\_Binary | 0.004931602137 |  | 0.49% |
| H318\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H318\_target | Skin\_Corrosion\_Binary | 0.005501795336 |  | 0.55% |
| H318\_target | Skin\_Sensitisation\_Binary | 0.001281876416 |  | 0.13% |
| H319\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004188494569 |  | 0.04% |
| H319\_negative\_analogue | Acute\_Dermal\_Binary | 0.000198588505 |  | 0.02% |
| H319\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0005432523509 |  | 0.05% |
| H319\_negative\_analogue | Acute\_Oral\_Binary | 0.0006360489933 |  | 0.06% |
| H319\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.00147437062 |  | 0.15% |
| H319\_negative\_analogue | Eye\_Irritation\_Binary | 0.002850301879 |  | 0.29% |
| H319\_negative\_analogue | Mutagenic\_Binary | 0.001430370217 |  | 0.14% |
| H319\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0006508525446 |  | 0.07% |
| H319\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0007415610028 |  | 0.07% |
| H319\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001258407476 |  | 0.01% |
| H319\_positive\_analogue | Acute\_Dermal\_Binary | 0.000476448104 |  | 0.05% |
| H319\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0004058519073 |  | 0.04% |
| H319\_positive\_analogue | Acute\_Oral\_Binary | 0.000171624914 |  | 0.02% |
| H319\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.004576723409 |  | 0.46% |
| H319\_positive\_analogue | Eye\_Irritation\_Binary | 0.005342542847 |  | 0.53% |
| H319\_positive\_analogue | Mutagenic\_Binary | 0.001004690803 |  | 0.10% |
| H319\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003952532256 |  | 0.04% |
| H319\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0007926585146 |  | 0.08% |
| H319\_target | Acute\_Aquatic\_Binary | 0.0004371469163 |  | 0.04% |
| H319\_target | Acute\_Dermal\_Binary | 0.0005161884881 |  | 0.05% |
| H319\_target | Acute\_Inhalation\_Binary | 0.0005635127998 |  | 0.06% |
| H319\_target | Acute\_Oral\_Binary | 0.004663556331 |  | 0.47% |
| H319\_target | Chronic\_Aquatic\_Binary | 0.00107294181 |  | 0.11% |
| H319\_target | Mutagenic\_Binary | 0.0008997834362 |  | 0.09% |
| H319\_target | Skin\_Corrosion\_Binary | 0.05789665405 |  | 5.79% |
| H319\_target | Skin\_Sensitisation\_Binary | 0.0005265009622 |  | 0.05% |
| H320\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001024131614 |  | 0.01% |
| H320\_negative\_analogue | Acute\_Dermal\_Binary | 0.00002549485247 |  | 0.00% |
| H320\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00002792041952 |  | 0.00% |
| H320\_negative\_analogue | Acute\_Oral\_Binary | 0.00001821481776 |  | 0.00% |
| H320\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0001568123047 |  | 0.02% |
| H320\_negative\_analogue | Eye\_Irritation\_Binary | 0.0001904844184 |  | 0.02% |
| H320\_negative\_analogue | Mutagenic\_Binary | 0.0003184005286 |  | 0.03% |
| H320\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001469731105 |  | 0.01% |
| H320\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0001670082391 |  | 0.02% |
| H320\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H320\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H320\_target | Acute\_Aquatic\_Binary | 0.00008915045027 |  | 0.01% |
| H320\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H320\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H320\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H320\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H320\_target | Eye\_Irritation\_Binary | 0.000009892224008 |  | 0.00% |
| H320\_target | Mutagenic\_Binary | 0.00005867161238 |  | 0.01% |
| H320\_target | Skin\_Corrosion\_Binary | 0.00005798612211 |  | 0.01% |
| H320\_target | Skin\_Sensitisation\_Binary | 0.00003779124041 |  | 0.00% |
| H330\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001701872942 |  | 0.02% |
| H330\_negative\_analogue | Acute\_Dermal\_Binary | 0.001522447381 |  | 0.15% |
| H330\_negative\_analogue | Acute\_Inhalation\_Binary | 0.002266481698 |  | 0.23% |
| H330\_negative\_analogue | Acute\_Oral\_Binary | 0.001391908553 |  | 0.14% |
| H330\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.002077101177 |  | 0.21% |
| H330\_negative\_analogue | Eye\_Irritation\_Binary | 0.0005786651178 |  | 0.06% |
| H330\_negative\_analogue | Mutagenic\_Binary | 0.001398261249 |  | 0.14% |
| H330\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002722664644 |  | 0.03% |
| H330\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000777696038 |  | 0.08% |
| H330\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002432864378 |  | 0.02% |
| H330\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003201279658 |  | 0.03% |
| H330\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002136143386 |  | 0.21% |
| H330\_positive\_analogue | Acute\_Oral\_Binary | 0.0003857305952 |  | 0.04% |
| H330\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0006573272657 |  | 0.07% |
| H330\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004246968547 |  | 0.04% |
| H330\_positive\_analogue | Mutagenic\_Binary | 0.003069398903 |  | 0.31% |
| H330\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0005072856166 |  | 0.05% |
| H330\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008099903992 |  | 0.08% |
| H330\_target | Acute\_Aquatic\_Binary | 0.0004121598958 |  | 0.04% |
| H330\_target | Acute\_Dermal\_Binary | 0.002655933692 |  | 0.27% |
| H330\_target | Acute\_Oral\_Binary | 0.002372493586 |  | 0.24% |
| H330\_target | Chronic\_Aquatic\_Binary | 0.0004161060666 |  | 0.04% |
| H330\_target | Eye\_Irritation\_Binary | 0.0003473086412 |  | 0.03% |
| H330\_target | Mutagenic\_Binary | 0.0005789147769 |  | 0.06% |
| H330\_target | Skin\_Corrosion\_Binary | 0.0006083823444 |  | 0.06% |
| H330\_target | Skin\_Sensitisation\_Binary | 0.002107608111 |  | 0.21% |
| H331\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002377481651 |  | 0.02% |
| H331\_negative\_analogue | Acute\_Dermal\_Binary | 0.001375855514 |  | 0.14% |
| H331\_negative\_analogue | Acute\_Inhalation\_Binary | 0.002756794243 |  | 0.28% |
| H331\_negative\_analogue | Acute\_Oral\_Binary | 0.0007569950805 |  | 0.08% |
| H331\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.002009019324 |  | 0.20% |
| H331\_negative\_analogue | Eye\_Irritation\_Binary | 0.0003767414584 |  | 0.04% |
| H331\_negative\_analogue | Mutagenic\_Binary | 0.0008749948342 |  | 0.09% |
| H331\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0003016615774 |  | 0.03% |
| H331\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0009688881826 |  | 0.10% |
| H331\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003049193596 |  | 0.03% |
| H331\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003144573158 |  | 0.03% |
| H331\_positive\_analogue | Acute\_Inhalation\_Binary | 0.001372091566 |  | 0.14% |
| H331\_positive\_analogue | Acute\_Oral\_Binary | 0.00042556219 |  | 0.04% |
| H331\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001203198629 |  | 0.12% |
| H331\_positive\_analogue | Eye\_Irritation\_Binary | 0.000273251818 |  | 0.03% |
| H331\_positive\_analogue | Mutagenic\_Binary | 0.000397658535 |  | 0.04% |
| H331\_positive\_analogue | Skin\_Corrosion\_Binary | 0.00028942003 |  | 0.03% |
| H331\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0004147919297 |  | 0.04% |
| H331\_target | Acute\_Aquatic\_Binary | 0.00002245527281 |  | 0.00% |
| H331\_target | Acute\_Dermal\_Binary | 0.006824272413 |  | 0.68% |
| H331\_target | Acute\_Oral\_Binary | 0.001937043947 |  | 0.19% |
| H331\_target | Chronic\_Aquatic\_Binary | 0.0001177586802 |  | 0.01% |
| H331\_target | Eye\_Irritation\_Binary | 0.0003875240105 |  | 0.04% |
| H331\_target | Mutagenic\_Binary | 0.003075424586 |  | 0.31% |
| H331\_target | Skin\_Corrosion\_Binary | 0.0004500193556 |  | 0.05% |
| H331\_target | Skin\_Sensitisation\_Binary | 0.001352534834 |  | 0.14% |
| H332\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003542256854 |  | 0.04% |
| H332\_negative\_analogue | Acute\_Dermal\_Binary | 0.0008426874078 |  | 0.08% |
| H332\_negative\_analogue | Acute\_Inhalation\_Binary | 0.001293452854 |  | 0.13% |
| H332\_negative\_analogue | Acute\_Oral\_Binary | 0.0006898702425 |  | 0.07% |
| H332\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001367058773 |  | 0.14% |
| H332\_negative\_analogue | Eye\_Irritation\_Binary | 0.0007059418254 |  | 0.07% |
| H332\_negative\_analogue | Mutagenic\_Binary | 0.001330505947 |  | 0.13% |
| H332\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0004656171802 |  | 0.05% |
| H332\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001208560038 |  | 0.12% |
| H332\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002170670575 |  | 0.02% |
| H332\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003922156774 |  | 0.04% |
| H332\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002623432286 |  | 0.26% |
| H332\_positive\_analogue | Acute\_Oral\_Binary | 0.0004496920939 |  | 0.04% |
| H332\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002108157284 |  | 0.21% |
| H332\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004848435548 |  | 0.05% |
| H332\_positive\_analogue | Mutagenic\_Binary | 0.0007706168497 |  | 0.08% |
| H332\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0005506037696 |  | 0.06% |
| H332\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.000532379153 |  | 0.05% |
| H332\_target | Acute\_Aquatic\_Binary | 0.00006915415327 |  | 0.01% |
| H332\_target | Acute\_Dermal\_Binary | 0.01703049422 |  | 1.70% |
| H332\_target | Acute\_Oral\_Binary | 0.02939624178 |  | 2.94% |
| H332\_target | Chronic\_Aquatic\_Binary | 0.0000552150314 |  | 0.01% |
| H332\_target | Eye\_Irritation\_Binary | 0.003210843343 |  | 0.32% |
| H332\_target | Mutagenic\_Binary | 0.0007204008974 |  | 0.07% |
| H332\_target | Skin\_Corrosion\_Binary | 0.001190170541 |  | 0.12% |
| H332\_target | Skin\_Sensitisation\_Binary | 0.001405614067 |  | 0.14% |
| H334\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001377228525 |  | 0.01% |
| H334\_negative\_analogue | Acute\_Dermal\_Binary | 0.000475504131 |  | 0.05% |
| H334\_negative\_analogue | Acute\_Inhalation\_Binary | 0.001142255379 |  | 0.11% |
| H334\_negative\_analogue | Acute\_Oral\_Binary | 0.0006743787739 |  | 0.07% |
| H334\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001001006645 |  | 0.10% |
| H334\_negative\_analogue | Eye\_Irritation\_Binary | 0.0004759248807 |  | 0.05% |
| H334\_negative\_analogue | Mutagenic\_Binary | 0.002580911142 |  | 0.26% |
| H334\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0003678678886 |  | 0.04% |
| H334\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.00784493485 |  | 0.78% |
| H334\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003472041632 |  | 0.03% |
| H334\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004495731922 |  | 0.04% |
| H334\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002798861119 |  | 0.28% |
| H334\_positive\_analogue | Acute\_Oral\_Binary | 0.000143271761 |  | 0.01% |
| H334\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.0006853043362 |  | 0.07% |
| H334\_positive\_analogue | Eye\_Irritation\_Binary | 0.0005735731548 |  | 0.06% |
| H334\_positive\_analogue | Mutagenic\_Binary | 0.0004410445093 |  | 0.04% |
| H334\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0008962145756 |  | 0.09% |
| H334\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001110861814 |  | 0.11% |
| H334\_target | Acute\_Aquatic\_Binary | 0.000517368951 |  | 0.05% |
| H334\_target | Acute\_Dermal\_Binary | 0.001094095255 |  | 0.11% |
| H334\_target | Acute\_Inhalation\_Binary | 0.002983885257 |  | 0.30% |
| H334\_target | Acute\_Oral\_Binary | 0.0001731798033 |  | 0.02% |
| H334\_target | Chronic\_Aquatic\_Binary | 0.001055073471 |  | 0.11% |
| H334\_target | Eye\_Irritation\_Binary | 0.0002884208926 |  | 0.03% |
| H334\_target | Mutagenic\_Binary | 0.001904771733 |  | 0.19% |
| H334\_target | Skin\_Corrosion\_Binary | 0.00009734442285 |  | 0.01% |
| H334\_target | Skin\_Sensitisation\_Binary | 0.02261548649 |  | 2.26% |
| H335\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0007666757841 |  | 0.08% |
| H335\_negative\_analogue | Acute\_Dermal\_Binary | 0.0003099183414 |  | 0.03% |
| H335\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000149485454 |  | 0.01% |
| H335\_negative\_analogue | Acute\_Oral\_Binary | 0.0002525891158 |  | 0.03% |
| H335\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.003007398953 |  | 0.30% |
| H335\_negative\_analogue | Eye\_Irritation\_Binary | 0.002434760479 |  | 0.24% |
| H335\_negative\_analogue | Mutagenic\_Binary | 0.001491901972 |  | 0.15% |
| H335\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0007942260492 |  | 0.08% |
| H335\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001567628656 |  | 0.16% |
| H335\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H335\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H335\_target | Acute\_Aquatic\_Binary | 0.00003973116956 |  | 0.00% |
| H335\_target | Acute\_Dermal\_Binary | 0.00008513899694 |  | 0.01% |
| H335\_target | Acute\_Inhalation\_Binary | 0.0009428296914 |  | 0.09% |
| H335\_target | Acute\_Oral\_Binary | 0.00007679307423 |  | 0.01% |
| H335\_target | Chronic\_Aquatic\_Binary | 0.000259087696 |  | 0.03% |
| H335\_target | Eye\_Irritation\_Binary | 0.001158761021 |  | 0.12% |
| H335\_target | Mutagenic\_Binary | 0.00001264365039 |  | 0.00% |
| H335\_target | Skin\_Corrosion\_Binary | 0.00162351963 |  | 0.16% |
| H335\_target | Skin\_Sensitisation\_Binary | 0.0001206162009 |  | 0.01% |
| H336\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002915932391 |  | 0.03% |
| H336\_negative\_analogue | Acute\_Dermal\_Binary | 0.00009811262304 |  | 0.01% |
| H336\_negative\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H336\_negative\_analogue | Acute\_Oral\_Binary | 0.00002594930395 |  | 0.00% |
| H336\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0006111785468 |  | 0.06% |
| H336\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002730012112 |  | 0.03% |
| H336\_negative\_analogue | Mutagenic\_Binary | 0.0002949019617 |  | 0.03% |
| H336\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002629593062 |  | 0.03% |
| H336\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001045046534 |  | 0.10% |
| H336\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H336\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H336\_target | Acute\_Aquatic\_Binary | 0.00006310192383 |  | 0.01% |
| H336\_target | Acute\_Dermal\_Binary | 0.00004423124912 |  | 0.00% |
| H336\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H336\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H336\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H336\_target | Eye\_Irritation\_Binary | 0.00004822833137 |  | 0.00% |
| H336\_target | Mutagenic\_Binary | 0.00001276599417 |  | 0.00% |
| H336\_target | Skin\_Corrosion\_Binary | 0.00003047557977 |  | 0.00% |
| H336\_target | Skin\_Sensitisation\_Binary | 0.00001844715717 |  | 0.00% |
| H340\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00005826063538 |  | 0.01% |
| H340\_negative\_analogue | Acute\_Dermal\_Binary | 0.000731654819 |  | 0.07% |
| H340\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002833050299 |  | 0.03% |
| H340\_negative\_analogue | Acute\_Oral\_Binary | 0.0002240934535 |  | 0.02% |
| H340\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0003840321666 |  | 0.04% |
| H340\_negative\_analogue | Eye\_Irritation\_Binary | 0.0001791830811 |  | 0.02% |
| H340\_negative\_analogue | Mutagenic\_Binary | 0.01099294193 |  | 1.10% |
| H340\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002577309181 |  | 0.03% |
| H340\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000201558175 |  | 0.02% |
| H340\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0004057803078 |  | 0.04% |
| H340\_positive\_analogue | Acute\_Dermal\_Binary | 0.006657555748 |  | 0.67% |
| H340\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003321481019 |  | 0.03% |
| H340\_positive\_analogue | Acute\_Oral\_Binary | 0.0073746007 |  | 0.74% |
| H340\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001264811834 |  | 0.13% |
| H340\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004793404437 |  | 0.05% |
| H340\_positive\_analogue | Mutagenic\_Binary | 0.007717774204 |  | 0.77% |
| H340\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0005614813792 |  | 0.06% |
| H340\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001433655833 |  | 0.14% |
| H340\_target | Acute\_Aquatic\_Binary | 0.00399260129 |  | 0.40% |
| H340\_target | Acute\_Dermal\_Binary | 0.005994033116 |  | 0.60% |
| H340\_target | Acute\_Inhalation\_Binary | 0.003871002932 |  | 0.39% |
| H340\_target | Acute\_Oral\_Binary | 0.0512681603 |  | 5.13% |
| H340\_target | Chronic\_Aquatic\_Binary | 0.0102407929 |  | 1.02% |
| H340\_target | Eye\_Irritation\_Binary | 0.03908227691 |  | 3.91% |
| H340\_target | Skin\_Corrosion\_Binary | 0.05996090468 |  | 6.00% |
| H340\_target | Skin\_Sensitisation\_Binary | 0.01059032069 |  | 1.06% |
| H341\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0006543141365 |  | 0.07% |
| H341\_negative\_analogue | Acute\_Dermal\_Binary | 0.0004263866861 |  | 0.04% |
| H341\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002096097539 |  | 0.02% |
| H341\_negative\_analogue | Acute\_Oral\_Binary | 0.0002715167078 |  | 0.03% |
| H341\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001093392294 |  | 0.11% |
| H341\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002343374924 |  | 0.02% |
| H341\_negative\_analogue | Mutagenic\_Binary | 0.06472829644 |  | 6.47% |
| H341\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00004000418255 |  | 0.00% |
| H341\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001024725201 |  | 0.10% |
| H341\_positive\_analogue | Acute\_Aquatic\_Binary | 0.001699221314 |  | 0.17% |
| H341\_positive\_analogue | Acute\_Dermal\_Binary | 0.0005751299199 |  | 0.06% |
| H341\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0007843233467 |  | 0.08% |
| H341\_positive\_analogue | Acute\_Oral\_Binary | 0.001191770674 |  | 0.12% |
| H341\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001920588667 |  | 0.19% |
| H341\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006699587337 |  | 0.07% |
| H341\_positive\_analogue | Mutagenic\_Binary | 0.01874188975 |  | 1.87% |
| H341\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0009902783777 |  | 0.10% |
| H341\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.004060290844 |  | 0.41% |
| H341\_target | Acute\_Aquatic\_Binary | 0.01482425265 |  | 1.48% |
| H341\_target | Acute\_Dermal\_Binary | 0.03440247277 |  | 3.44% |
| H341\_target | Acute\_Inhalation\_Binary | 0.00279318172 |  | 0.28% |
| H341\_target | Acute\_Oral\_Binary | 0.006945954401 |  | 0.69% |
| H341\_target | Chronic\_Aquatic\_Binary | 0.1259228641 |  | 12.59% |
| H341\_target | Eye\_Irritation\_Binary | 0.001701235364 |  | 0.17% |
| H341\_target | Skin\_Corrosion\_Binary | 0.01005507142 |  | 1.01% |
| H341\_target | Skin\_Sensitisation\_Binary | 0.02169110425 |  | 2.17% |
| H350\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00004642100762 |  | 0.00% |
| H350\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002290490095 |  | 0.02% |
| H350\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003140688531 |  | 0.03% |
| H350\_negative\_analogue | Acute\_Oral\_Binary | 0.0001758396522 |  | 0.02% |
| H350\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001393428472 |  | 0.14% |
| H350\_negative\_analogue | Eye\_Irritation\_Binary | 0.00008460281609 |  | 0.01% |
| H350\_negative\_analogue | Mutagenic\_Binary | 0.009522903633 |  | 0.95% |
| H350\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002463386288 |  | 0.02% |
| H350\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000653277005 |  | 0.07% |
| H350\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0007278570889 |  | 0.07% |
| H350\_positive\_analogue | Acute\_Dermal\_Binary | 0.0005455152423 |  | 0.05% |
| H350\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003267031028 |  | 0.03% |
| H350\_positive\_analogue | Acute\_Oral\_Binary | 0.0004492878426 |  | 0.04% |
| H350\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003183051412 |  | 0.32% |
| H350\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003492747193 |  | 0.03% |
| H350\_positive\_analogue | Mutagenic\_Binary | 0.001807850336 |  | 0.18% |
| H350\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001663095021 |  | 0.02% |
| H350\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0009464977981 |  | 0.09% |
| H350\_target | Acute\_Aquatic\_Binary | 0.0003328836538 |  | 0.03% |
| H350\_target | Acute\_Dermal\_Binary | 0.0002223848365 |  | 0.02% |
| H350\_target | Acute\_Inhalation\_Binary | 0.001010038372 |  | 0.10% |
| H350\_target | Acute\_Oral\_Binary | 0.0003773021046 |  | 0.04% |
| H350\_target | Chronic\_Aquatic\_Binary | 0.0005062842563 |  | 0.05% |
| H350\_target | Eye\_Irritation\_Binary | 0.0001095162768 |  | 0.01% |
| H350\_target | Mutagenic\_Binary | 0.06514611643 |  | 6.51% |
| H350\_target | Skin\_Corrosion\_Binary | 0.0002653432744 |  | 0.03% |
| H350\_target | Skin\_Sensitisation\_Binary | 0.000483666099 |  | 0.05% |
| H351\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003169355922 |  | 0.03% |
| H351\_negative\_analogue | Acute\_Dermal\_Binary | 0.0005950640466 |  | 0.06% |
| H351\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0008366203838 |  | 0.08% |
| H351\_negative\_analogue | Acute\_Oral\_Binary | 0.0003402640112 |  | 0.03% |
| H351\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0006788633898 |  | 0.07% |
| H351\_negative\_analogue | Eye\_Irritation\_Binary | 0.0004776394875 |  | 0.05% |
| H351\_negative\_analogue | Mutagenic\_Binary | 0.01822682215 |  | 1.82% |
| H351\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0005436226502 |  | 0.05% |
| H351\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0003763537701 |  | 0.04% |
| H351\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0005756606483 |  | 0.06% |
| H351\_positive\_analogue | Acute\_Dermal\_Binary | 0.000551613363 |  | 0.06% |
| H351\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0001140584221 |  | 0.01% |
| H351\_positive\_analogue | Acute\_Oral\_Binary | 0.0001230010359 |  | 0.01% |
| H351\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002486786346 |  | 0.25% |
| H351\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003887740802 |  | 0.04% |
| H351\_positive\_analogue | Mutagenic\_Binary | 0.001193861905 |  | 0.12% |
| H351\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003347534871 |  | 0.03% |
| H351\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001868186344 |  | 0.19% |
| H351\_target | Acute\_Aquatic\_Binary | 0.0001886356376 |  | 0.02% |
| H351\_target | Acute\_Dermal\_Binary | 0.0001413119073 |  | 0.01% |
| H351\_target | Acute\_Inhalation\_Binary | 0.001089743097 |  | 0.11% |
| H351\_target | Acute\_Oral\_Binary | 0.0002193951952 |  | 0.02% |
| H351\_target | Chronic\_Aquatic\_Binary | 0.0006390103171 |  | 0.06% |
| H351\_target | Eye\_Irritation\_Binary | 0.0000988152172 |  | 0.01% |
| H351\_target | Mutagenic\_Binary | 0.004217837355 |  | 0.42% |
| H351\_target | Skin\_Corrosion\_Binary | 0.0001331791729 |  | 0.01% |
| H351\_target | Skin\_Sensitisation\_Binary | 0.002170670246 |  | 0.22% |
| H360\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004521404321 |  | 0.05% |
| H360\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002307612138 |  | 0.02% |
| H360\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002263058495 |  | 0.02% |
| H360\_negative\_analogue | Acute\_Oral\_Binary | 0.0002794882282 |  | 0.03% |
| H360\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001239101264 |  | 0.12% |
| H360\_negative\_analogue | Eye\_Irritation\_Binary | 0.0005739252294 |  | 0.06% |
| H360\_negative\_analogue | Mutagenic\_Binary | 0.001312881974 |  | 0.13% |
| H360\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001001464627 |  | 0.01% |
| H360\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001139453757 |  | 0.11% |
| H360\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0003919233142 |  | 0.04% |
| H360\_positive\_analogue | Acute\_Dermal\_Binary | 0.0002580405528 |  | 0.03% |
| H360\_positive\_analogue | Acute\_Inhalation\_Binary | 0.002608931299 |  | 0.26% |
| H360\_positive\_analogue | Acute\_Oral\_Binary | 0.000477863974 |  | 0.05% |
| H360\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002847383199 |  | 0.28% |
| H360\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004511042137 |  | 0.05% |
| H360\_positive\_analogue | Mutagenic\_Binary | 0.001071289566 |  | 0.11% |
| H360\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001943015108 |  | 0.02% |
| H360\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008117798239 |  | 0.08% |
| H360\_target | Acute\_Aquatic\_Binary | 0.01317876171 |  | 1.32% |
| H360\_target | Acute\_Dermal\_Binary | 0.001395386053 |  | 0.14% |
| H360\_target | Acute\_Inhalation\_Binary | 0.0007674837217 |  | 0.08% |
| H360\_target | Acute\_Oral\_Binary | 0.01676785192 |  | 1.68% |
| H360\_target | Chronic\_Aquatic\_Binary | 0.02327751851 |  | 2.33% |
| H360\_target | Eye\_Irritation\_Binary | 0.001772460996 |  | 0.18% |
| H360\_target | Mutagenic\_Binary | 0.007039558125 |  | 0.70% |
| H360\_target | Skin\_Corrosion\_Binary | 0.007805463046 |  | 0.78% |
| H360\_target | Skin\_Sensitisation\_Binary | 0.007196230558 |  | 0.72% |
| H361\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001266598134 |  | 0.01% |
| H361\_negative\_analogue | Acute\_Dermal\_Binary | 0.0003211408814 |  | 0.03% |
| H361\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0004491101786 |  | 0.04% |
| H361\_negative\_analogue | Acute\_Oral\_Binary | 0.0002508361892 |  | 0.03% |
| H361\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.005708932138 |  | 0.57% |
| H361\_negative\_analogue | Eye\_Irritation\_Binary | 0.000690544884 |  | 0.07% |
| H361\_negative\_analogue | Mutagenic\_Binary | 0.001260931254 |  | 0.13% |
| H361\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0003339922266 |  | 0.03% |
| H361\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0003042281917 |  | 0.03% |
| H361\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0001066075146 |  | 0.01% |
| H361\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003006406258 |  | 0.03% |
| H361\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003096883628 |  | 0.03% |
| H361\_positive\_analogue | Acute\_Oral\_Binary | 0.0002592867276 |  | 0.03% |
| H361\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002510066372 |  | 0.25% |
| H361\_positive\_analogue | Eye\_Irritation\_Binary | 0.0003179877723 |  | 0.03% |
| H361\_positive\_analogue | Mutagenic\_Binary | 0.00143253529 |  | 0.14% |
| H361\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001400890791 |  | 0.01% |
| H361\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0006782725389 |  | 0.07% |
| H361\_target | Acute\_Aquatic\_Binary | 0.00003884493284 |  | 0.00% |
| H361\_target | Acute\_Dermal\_Binary | 0.01999327789 |  | 2.00% |
| H361\_target | Acute\_Inhalation\_Binary | 0.01847184353 |  | 1.85% |
| H361\_target | Acute\_Oral\_Binary | 0.0004483750919 |  | 0.04% |
| H361\_target | Chronic\_Aquatic\_Binary | 0.001226989967 |  | 0.12% |
| H361\_target | Eye\_Irritation\_Binary | 0.0001001231061 |  | 0.01% |
| H361\_target | Mutagenic\_Binary | 0.002729066075 |  | 0.27% |
| H361\_target | Skin\_Corrosion\_Binary | 0.002194583281 |  | 0.22% |
| H361\_target | Skin\_Sensitisation\_Binary | 0.05045165262 |  | 5.05% |
| H362\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001889604618 |  | 0.02% |
| H362\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002561258174 |  | 0.03% |
| H362\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00008296089932 |  | 0.01% |
| H362\_negative\_analogue | Acute\_Oral\_Binary | 0.0002056832032 |  | 0.02% |
| H362\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0007388744797 |  | 0.07% |
| H362\_negative\_analogue | Eye\_Irritation\_Binary | 0.0001196387015 |  | 0.01% |
| H362\_negative\_analogue | Mutagenic\_Binary | 0.001261165598 |  | 0.13% |
| H362\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002365320344 |  | 0.02% |
| H362\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0002989685012 |  | 0.03% |
| H362\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0004122794582 |  | 0.04% |
| H362\_positive\_analogue | Acute\_Dermal\_Binary | 0.001134258281 |  | 0.11% |
| H362\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006493463668 |  | 0.06% |
| H362\_positive\_analogue | Acute\_Oral\_Binary | 0.0002324804868 |  | 0.02% |
| H362\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001390984049 |  | 0.14% |
| H362\_positive\_analogue | Eye\_Irritation\_Binary | 0.0004415133359 |  | 0.04% |
| H362\_positive\_analogue | Mutagenic\_Binary | 0.0008241924532 |  | 0.08% |
| H362\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000163950322 |  | 0.02% |
| H362\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0009602998797 |  | 0.10% |
| H362\_target | Acute\_Aquatic\_Binary | 0.0001409732553 |  | 0.01% |
| H362\_target | Acute\_Dermal\_Binary | 0.0003071522292 |  | 0.03% |
| H362\_target | Acute\_Inhalation\_Binary | 0.002015039114 |  | 0.20% |
| H362\_target | Acute\_Oral\_Binary | 0.0002703332041 |  | 0.03% |
| H362\_target | Chronic\_Aquatic\_Binary | 0.002196752251 |  | 0.22% |
| H362\_target | Eye\_Irritation\_Binary | 0.00004845014498 |  | 0.00% |
| H362\_target | Mutagenic\_Binary | 0.007026892138 |  | 0.70% |
| H362\_target | Skin\_Corrosion\_Binary | 0.0001440021087 |  | 0.01% |
| H362\_target | Skin\_Sensitisation\_Binary | 0.00246122144 |  | 0.25% |
| H370\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00005219691178 |  | 0.01% |
| H370\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001685902926 |  | 0.02% |
| H370\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001876620958 |  | 0.02% |
| H370\_negative\_analogue | Acute\_Oral\_Binary | 0.0001492875331 |  | 0.01% |
| H370\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001022171491 |  | 0.10% |
| H370\_negative\_analogue | Eye\_Irritation\_Binary | 0.00001313879506 |  | 0.00% |
| H370\_negative\_analogue | Mutagenic\_Binary | 0.001419499859 |  | 0.14% |
| H370\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001082591736 |  | 0.01% |
| H370\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0006087313044 |  | 0.06% |
| H370\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H370\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H370\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H370\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H370\_target | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H370\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H370\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H370\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H370\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H370\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H370\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H371\_negative\_analogue | Acute\_Aquatic\_Binary | 0.00007606461037 |  | 0.01% |
| H371\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001050238006 |  | 0.01% |
| H371\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0000522253625 |  | 0.01% |
| H371\_negative\_analogue | Acute\_Oral\_Binary | 0.0001240583981 |  | 0.01% |
| H371\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0001928546674 |  | 0.02% |
| H371\_negative\_analogue | Eye\_Irritation\_Binary | 0.00005628316011 |  | 0.01% |
| H371\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H371\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00007880627676 |  | 0.01% |
| H371\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004548624504 |  | 0.05% |
| H371\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H371\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H371\_target | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H371\_target | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H371\_target | Acute\_Inhalation\_Binary | 0.00002742548348 |  | 0.00% |
| H371\_target | Acute\_Oral\_Binary | 0.00001380535791 |  | 0.00% |
| H371\_target | Chronic\_Aquatic\_Binary | 0.00005288439608 |  | 0.01% |
| H371\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H371\_target | Mutagenic\_Binary | 0 |  | 0.00% |
| H371\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H371\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H372\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0001283649276 |  | 0.01% |
| H372\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001345841946 |  | 0.01% |
| H372\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0001369826625 |  | 0.01% |
| H372\_negative\_analogue | Acute\_Oral\_Binary | 0.0001538452651 |  | 0.02% |
| H372\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001108447674 |  | 0.11% |
| H372\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002641493937 |  | 0.03% |
| H372\_negative\_analogue | Mutagenic\_Binary | 0.005343946446 |  | 0.53% |
| H372\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002163509919 |  | 0.02% |
| H372\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0006748801842 |  | 0.07% |
| H372\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H372\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H372\_target | Acute\_Aquatic\_Binary | 0.0001179769583 |  | 0.01% |
| H372\_target | Acute\_Dermal\_Binary | 0.00003918959142 |  | 0.00% |
| H372\_target | Acute\_Inhalation\_Binary | 0.0001387693911 |  | 0.01% |
| H372\_target | Acute\_Oral\_Binary | 0.00006230465285 |  | 0.01% |
| H372\_target | Chronic\_Aquatic\_Binary | 0.00008611735409 |  | 0.01% |
| H372\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H372\_target | Mutagenic\_Binary | 0.001143259129 |  | 0.11% |
| H372\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H372\_target | Skin\_Sensitisation\_Binary | 0.00007531429722 |  | 0.01% |
| H373\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003423790961 |  | 0.03% |
| H373\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001629716979 |  | 0.02% |
| H373\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003306719727 |  | 0.03% |
| H373\_negative\_analogue | Acute\_Oral\_Binary | 0.00006191638636 |  | 0.01% |
| H373\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001337949474 |  | 0.13% |
| H373\_negative\_analogue | Eye\_Irritation\_Binary | 0.0007935571787 |  | 0.08% |
| H373\_negative\_analogue | Mutagenic\_Binary | 0.001152335069 |  | 0.12% |
| H373\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002057446791 |  | 0.02% |
| H373\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004941344835 |  | 0.05% |
| H373\_positive\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Acute\_Dermal\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Acute\_Inhalation\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H373\_positive\_analogue | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H373\_target | Acute\_Aquatic\_Binary | 0.00005377316787 |  | 0.01% |
| H373\_target | Acute\_Dermal\_Binary | 0.00003446707459 |  | 0.00% |
| H373\_target | Acute\_Inhalation\_Binary | 0.00005811216991 |  | 0.01% |
| H373\_target | Acute\_Oral\_Binary | 0.00001966330092 |  | 0.00% |
| H373\_target | Chronic\_Aquatic\_Binary | 0 |  | 0.00% |
| H373\_target | Eye\_Irritation\_Binary | 0.0001137656667 |  | 0.01% |
| H373\_target | Mutagenic\_Binary | 0.00001293943572 |  | 0.00% |
| H373\_target | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H373\_target | Skin\_Sensitisation\_Binary | 0 |  | 0.00% |
| H400\_negative\_analogue | Acute\_Aquatic\_Binary | 0.04208277828 |  | 4.21% |
| H400\_negative\_analogue | Acute\_Dermal\_Binary | 0.0006508750685 |  | 0.07% |
| H400\_negative\_analogue | Acute\_Inhalation\_Binary | 0.000536932565 |  | 0.05% |
| H400\_negative\_analogue | Acute\_Oral\_Binary | 0.0001526667849 |  | 0.02% |
| H400\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.005051178365 |  | 0.51% |
| H400\_negative\_analogue | Eye\_Irritation\_Binary | 0.000544987264 |  | 0.05% |
| H400\_negative\_analogue | Mutagenic\_Binary | 0.001493795003 |  | 0.15% |
| H400\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001634892197 |  | 0.02% |
| H400\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0005966798608 |  | 0.06% |
| H400\_positive\_analogue | Acute\_Aquatic\_Binary | 0.009817866332 |  | 0.98% |
| H400\_positive\_analogue | Acute\_Dermal\_Binary | 0.000437446622 |  | 0.04% |
| H400\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003175861102 |  | 0.03% |
| H400\_positive\_analogue | Acute\_Oral\_Binary | 0.0003062593065 |  | 0.03% |
| H400\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001351747451 |  | 0.14% |
| H400\_positive\_analogue | Eye\_Irritation\_Binary | 0.0002847996897 |  | 0.03% |
| H400\_positive\_analogue | Mutagenic\_Binary | 0.001473313326 |  | 0.15% |
| H400\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0004159339866 |  | 0.04% |
| H400\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0002858252993 |  | 0.03% |
| H400\_target | Acute\_Dermal\_Binary | 0.002605241213 |  | 0.26% |
| H400\_target | Acute\_Inhalation\_Binary | 0.001380978776 |  | 0.14% |
| H400\_target | Acute\_Oral\_Binary | 0.0004064053241 |  | 0.04% |
| H400\_target | Chronic\_Aquatic\_Binary | 0.1554330671 |  | 15.54% |
| H400\_target | Eye\_Irritation\_Binary | 0.001099761812 |  | 0.11% |
| H400\_target | Mutagenic\_Binary | 0.002517704797 |  | 0.25% |
| H400\_target | Skin\_Corrosion\_Binary | 0.002144525289 |  | 0.21% |
| H400\_target | Skin\_Sensitisation\_Binary | 0.002687465287 |  | 0.27% |
| H401\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002049092493 |  | 0.02% |
| H401\_negative\_analogue | Acute\_Dermal\_Binary | 0.0001453764624 |  | 0.01% |
| H401\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0000251720109 |  | 0.00% |
| H401\_negative\_analogue | Acute\_Oral\_Binary | 0.0000146790108 |  | 0.00% |
| H401\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0000982503028 |  | 0.01% |
| H401\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H401\_negative\_analogue | Mutagenic\_Binary | 0.00007526287448 |  | 0.01% |
| H401\_negative\_analogue | Skin\_Corrosion\_Binary | 0.00008308879911 |  | 0.01% |
| H401\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0004864250207 |  | 0.05% |
| H401\_positive\_analogue | Acute\_Aquatic\_Binary | 0.002549661174 |  | 0.25% |
| H401\_positive\_analogue | Acute\_Dermal\_Binary | 0.000376695583 |  | 0.04% |
| H401\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0002424656169 |  | 0.02% |
| H401\_positive\_analogue | Acute\_Oral\_Binary | 0.000168423002 |  | 0.02% |
| H401\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001223085166 |  | 0.12% |
| H401\_positive\_analogue | Eye\_Irritation\_Binary | 0.00002761143411 |  | 0.00% |
| H401\_positive\_analogue | Mutagenic\_Binary | 0.002220364387 |  | 0.22% |
| H401\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001547436833 |  | 0.02% |
| H401\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0008375259492 |  | 0.08% |
| H401\_target | Acute\_Dermal\_Binary | 0.00004055364188 |  | 0.00% |
| H401\_target | Acute\_Inhalation\_Binary | 0.0001193538467 |  | 0.01% |
| H401\_target | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H401\_target | Chronic\_Aquatic\_Binary | 0.04600529005 |  | 4.60% |
| H401\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H401\_target | Mutagenic\_Binary | 0.0002814034354 |  | 0.03% |
| H401\_target | Skin\_Corrosion\_Binary | 0.0001517691144 |  | 0.02% |
| H401\_target | Skin\_Sensitisation\_Binary | 0.0001385760122 |  | 0.01% |
| H402\_negative\_analogue | Acute\_Aquatic\_Binary | 0 |  | 0.00% |
| H402\_negative\_analogue | Acute\_Dermal\_Binary | 0.00003146488186 |  | 0.00% |
| H402\_negative\_analogue | Acute\_Inhalation\_Binary | 0.00006551522355 |  | 0.01% |
| H402\_negative\_analogue | Acute\_Oral\_Binary | 0 |  | 0.00% |
| H402\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0002104066205 |  | 0.02% |
| H402\_negative\_analogue | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H402\_negative\_analogue | Mutagenic\_Binary | 0 |  | 0.00% |
| H402\_negative\_analogue | Skin\_Corrosion\_Binary | 0 |  | 0.00% |
| H402\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0000101057021 |  | 0.00% |
| H402\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0006888535519 |  | 0.07% |
| H402\_positive\_analogue | Acute\_Dermal\_Binary | 0.0003431976829 |  | 0.03% |
| H402\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0003170084411 |  | 0.03% |
| H402\_positive\_analogue | Acute\_Oral\_Binary | 0.000143713674 |  | 0.01% |
| H402\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003285619293 |  | 0.33% |
| H402\_positive\_analogue | Eye\_Irritation\_Binary | 0.0002390348381 |  | 0.02% |
| H402\_positive\_analogue | Mutagenic\_Binary | 0.002811113265 |  | 0.28% |
| H402\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0002368602022 |  | 0.02% |
| H402\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0009571098144 |  | 0.10% |
| H402\_target | Acute\_Dermal\_Binary | 0.001091180245 |  | 0.11% |
| H402\_target | Acute\_Inhalation\_Binary | 0.0003043307899 |  | 0.03% |
| H402\_target | Acute\_Oral\_Binary | 0.00002798565819 |  | 0.00% |
| H402\_target | Chronic\_Aquatic\_Binary | 0.01365043152 |  | 1.37% |
| H402\_target | Eye\_Irritation\_Binary | 0 |  | 0.00% |
| H402\_target | Mutagenic\_Binary | 0.000194644512 |  | 0.02% |
| H402\_target | Skin\_Corrosion\_Binary | 0.00003727091343 |  | 0.00% |
| H402\_target | Skin\_Sensitisation\_Binary | 0.000007144219195 |  | 0.00% |
| H410\_negative\_analogue | Acute\_Aquatic\_Binary | 0.01051308463 |  | 1.05% |
| H410\_negative\_analogue | Acute\_Dermal\_Binary | 0.00009373334982 |  | 0.01% |
| H410\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0002892356005 |  | 0.03% |
| H410\_negative\_analogue | Acute\_Oral\_Binary | 0.0003710386513 |  | 0.04% |
| H410\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.003637047108 |  | 0.36% |
| H410\_negative\_analogue | Eye\_Irritation\_Binary | 0.0007174542719 |  | 0.07% |
| H410\_negative\_analogue | Mutagenic\_Binary | 0.005737104847 |  | 0.57% |
| H410\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001917950442 |  | 0.02% |
| H410\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0007150390553 |  | 0.07% |
| H410\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0007141753809 |  | 0.07% |
| H410\_positive\_analogue | Acute\_Dermal\_Binary | 0.0002709012572 |  | 0.03% |
| H410\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008075043677 |  | 0.08% |
| H410\_positive\_analogue | Acute\_Oral\_Binary | 0.0003106402995 |  | 0.03% |
| H410\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001119177727 |  | 0.11% |
| H410\_positive\_analogue | Eye\_Irritation\_Binary | 0.0005089329341 |  | 0.05% |
| H410\_positive\_analogue | Mutagenic\_Binary | 0.001364227178 |  | 0.14% |
| H410\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003813343062 |  | 0.04% |
| H410\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0005496656125 |  | 0.05% |
| H410\_target | Acute\_Aquatic\_Binary | 0.04278249845 |  | 4.28% |
| H410\_target | Acute\_Dermal\_Binary | 0.0001190486157 |  | 0.01% |
| H410\_target | Acute\_Inhalation\_Binary | 0.0002359794639 |  | 0.02% |
| H410\_target | Acute\_Oral\_Binary | 0.000362691515 |  | 0.04% |
| H410\_target | Eye\_Irritation\_Binary | 0.0006201820024 |  | 0.06% |
| H410\_target | Mutagenic\_Binary | 0.0002223608756 |  | 0.02% |
| H410\_target | Skin\_Corrosion\_Binary | 0.0001587258457 |  | 0.02% |
| H410\_target | Skin\_Sensitisation\_Binary | 0.0003507531153 |  | 0.04% |
| H411\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0002059609332 |  | 0.02% |
| H411\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002867426687 |  | 0.03% |
| H411\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003881324886 |  | 0.04% |
| H411\_negative\_analogue | Acute\_Oral\_Binary | 0.0002902683696 |  | 0.03% |
| H411\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.004070071726 |  | 0.41% |
| H411\_negative\_analogue | Eye\_Irritation\_Binary | 0.0005927876036 |  | 0.06% |
| H411\_negative\_analogue | Mutagenic\_Binary | 0.001056098321 |  | 0.11% |
| H411\_negative\_analogue | Skin\_Corrosion\_Binary | 0.000252259351 |  | 0.03% |
| H411\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001034860566 |  | 0.10% |
| H411\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0009325380441 |  | 0.09% |
| H411\_positive\_analogue | Acute\_Dermal\_Binary | 0.0007305076627 |  | 0.07% |
| H411\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0008408709085 |  | 0.08% |
| H411\_positive\_analogue | Acute\_Oral\_Binary | 0.0005490632992 |  | 0.05% |
| H411\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002289519993 |  | 0.23% |
| H411\_positive\_analogue | Eye\_Irritation\_Binary | 0.0007304027023 |  | 0.07% |
| H411\_positive\_analogue | Mutagenic\_Binary | 0.001080331845 |  | 0.11% |
| H411\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0001148073618 |  | 0.01% |
| H411\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0005927125515 |  | 0.06% |
| H411\_target | Acute\_Aquatic\_Binary | 0.001021454456 |  | 0.10% |
| H411\_target | Acute\_Dermal\_Binary | 0.0001963576866 |  | 0.02% |
| H411\_target | Acute\_Inhalation\_Binary | 0.0000007506773204 |  | 0.00% |
| H411\_target | Acute\_Oral\_Binary | 0.0003794081714 |  | 0.04% |
| H411\_target | Eye\_Irritation\_Binary | 0.0001936517965 |  | 0.02% |
| H411\_target | Mutagenic\_Binary | 0.0003041523453 |  | 0.03% |
| H411\_target | Skin\_Corrosion\_Binary | 0.0003100068542 |  | 0.03% |
| H411\_target | Skin\_Sensitisation\_Binary | 0.0001938597298 |  | 0.02% |
| H412\_negative\_analogue | Acute\_Aquatic\_Binary | 0.001127749936 |  | 0.11% |
| H412\_negative\_analogue | Acute\_Dermal\_Binary | 0.00008863340484 |  | 0.01% |
| H412\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003976222944 |  | 0.04% |
| H412\_negative\_analogue | Acute\_Oral\_Binary | 0.0002927345088 |  | 0.03% |
| H412\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001850823178 |  | 0.19% |
| H412\_negative\_analogue | Eye\_Irritation\_Binary | 0.0006252860765 |  | 0.06% |
| H412\_negative\_analogue | Mutagenic\_Binary | 0.002101466069 |  | 0.21% |
| H412\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0002467711439 |  | 0.02% |
| H412\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.000809565682 |  | 0.08% |
| H412\_positive\_analogue | Acute\_Aquatic\_Binary | 0.001652461434 |  | 0.17% |
| H412\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004056995438 |  | 0.04% |
| H412\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005068204177 |  | 0.05% |
| H412\_positive\_analogue | Acute\_Oral\_Binary | 0.000337186187 |  | 0.03% |
| H412\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.003624516599 |  | 0.36% |
| H412\_positive\_analogue | Eye\_Irritation\_Binary | 0.001213359597 |  | 0.12% |
| H412\_positive\_analogue | Mutagenic\_Binary | 0.002670944136 |  | 0.27% |
| H412\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000276003442 |  | 0.03% |
| H412\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001380904782 |  | 0.14% |
| H412\_target | Acute\_Aquatic\_Binary | 0.007747259925 |  | 0.77% |
| H412\_target | Acute\_Dermal\_Binary | 0.00008085538622 |  | 0.01% |
| H412\_target | Acute\_Inhalation\_Binary | 0.001238736095 |  | 0.12% |
| H412\_target | Acute\_Oral\_Binary | 0.0003134009815 |  | 0.03% |
| H412\_target | Eye\_Irritation\_Binary | 0.0002747997126 |  | 0.03% |
| H412\_target | Mutagenic\_Binary | 0.0003349721035 |  | 0.03% |
| H412\_target | Skin\_Corrosion\_Binary | 0.00008862043861 |  | 0.01% |
| H412\_target | Skin\_Sensitisation\_Binary | 0.000114804169 |  | 0.01% |
| H413\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0004202090172 |  | 0.04% |
| H413\_negative\_analogue | Acute\_Dermal\_Binary | 0.0004542372823 |  | 0.05% |
| H413\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0006026085926 |  | 0.06% |
| H413\_negative\_analogue | Acute\_Oral\_Binary | 0.0009354282168 |  | 0.09% |
| H413\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.01208807274 |  | 1.21% |
| H413\_negative\_analogue | Eye\_Irritation\_Binary | 0.0008296971106 |  | 0.08% |
| H413\_negative\_analogue | Mutagenic\_Binary | 0.001376364621 |  | 0.14% |
| H413\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0003201937477 |  | 0.03% |
| H413\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0006580586471 |  | 0.07% |
| H413\_positive\_analogue | Acute\_Aquatic\_Binary | 0.001809197688 |  | 0.18% |
| H413\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004984653214 |  | 0.05% |
| H413\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0005425757275 |  | 0.05% |
| H413\_positive\_analogue | Acute\_Oral\_Binary | 0.0002251228977 |  | 0.02% |
| H413\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002012223417 |  | 0.20% |
| H413\_positive\_analogue | Eye\_Irritation\_Binary | 0.0006837120601 |  | 0.07% |
| H413\_positive\_analogue | Mutagenic\_Binary | 0.002220349532 |  | 0.22% |
| H413\_positive\_analogue | Skin\_Corrosion\_Binary | 0.0003455381841 |  | 0.03% |
| H413\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.0006425487991 |  | 0.06% |
| H413\_target | Acute\_Aquatic\_Binary | 0.0001833935336 |  | 0.02% |
| H413\_target | Acute\_Dermal\_Binary | 0.0001101886487 |  | 0.01% |
| H413\_target | Acute\_Inhalation\_Binary | 0.00003230114293 |  | 0.00% |
| H413\_target | Acute\_Oral\_Binary | 0.00003867323006 |  | 0.00% |
| H413\_target | Eye\_Irritation\_Binary | 0.0009244818898 |  | 0.09% |
| H413\_target | Mutagenic\_Binary | 0.0002385364463 |  | 0.02% |
| H413\_target | Skin\_Corrosion\_Binary | 0.0002745955463 |  | 0.03% |
| H413\_target | Skin\_Sensitisation\_Binary | 0.00007571280126 |  | 0.01% |
| Mutagenic\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0003626920631 |  | 0.04% |
| Mutagenic\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0006043394106 |  | 0.06% |
| Mutagenic\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0003985661047 |  | 0.04% |
| Mutagenic\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.0004753995273 |  | 0.05% |
| Mutagenic\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.0008600979328 |  | 0.09% |
| Mutagenic\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0001891997615 |  | 0.02% |
| Mutagenic\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.05824950671 |  | 5.82% |
| Mutagenic\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0001479066358 |  | 0.01% |
| Mutagenic\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.0006183904514 |  | 0.06% |
| Mutagenic\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0005552653827 |  | 0.06% |
| Mutagenic\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.000684201302 |  | 0.07% |
| Mutagenic\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.001016835429 |  | 0.10% |
| Mutagenic\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.0003963553731 |  | 0.04% |
| Mutagenic\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.002900708574 |  | 0.29% |
| Mutagenic\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.001640788052 |  | 0.16% |
| Mutagenic\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.03337361021 |  | 3.34% |
| Mutagenic\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000610511142 |  | 0.06% |
| Mutagenic\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.00204807464 |  | 0.20% |
| Mutagenic\_Binary\_target | Acute\_Aquatic\_Binary | 0.04177189217 |  | 4.18% |
| Mutagenic\_Binary\_target | Acute\_Dermal\_Binary | 0.03055402022 |  | 3.06% |
| Mutagenic\_Binary\_target | Acute\_Inhalation\_Binary | 0.007597679176 |  | 0.76% |
| Mutagenic\_Binary\_target | Acute\_Oral\_Binary | 0.008517726129 |  | 0.85% |
| Mutagenic\_Binary\_target | Chronic\_Aquatic\_Binary | 0.01790342876 |  | 1.79% |
| Mutagenic\_Binary\_target | Eye\_Irritation\_Binary | 0.015550409 |  | 1.56% |
| Mutagenic\_Binary\_target | Skin\_Corrosion\_Binary | 0.05614848491 |  | 5.61% |
| Mutagenic\_Binary\_target | Skin\_Sensitisation\_Binary | 0.07971951984 |  | 7.97% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0007098966864 |  | 0.07% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0009390734643 |  | 0.09% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0007029752958 |  | 0.07% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.0002244083343 |  | 0.02% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.001302964137 |  | 0.13% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.002912533203 |  | 0.29% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.001547379805 |  | 0.15% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.003526698335 |  | 0.35% |
| Skin\_Corrosion\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.001350322493 |  | 0.14% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0008200665072 |  | 0.08% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004254931522 |  | 0.04% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.001239717902 |  | 0.12% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.002206916441 |  | 0.22% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.009455221308 |  | 0.95% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.02761767922 |  | 2.76% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.002489143037 |  | 0.25% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.03520203955 |  | 3.52% |
| Skin\_Corrosion\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.001143428179 |  | 0.11% |
| Skin\_Corrosion\_Binary\_target | Acute\_Aquatic\_Binary | 0.002565818646 |  | 0.26% |
| Skin\_Corrosion\_Binary\_target | Acute\_Dermal\_Binary | 0.0223011216 |  | 2.23% |
| Skin\_Corrosion\_Binary\_target | Acute\_Inhalation\_Binary | 0.001853227797 |  | 0.19% |
| Skin\_Corrosion\_Binary\_target | Acute\_Oral\_Binary | 0.02319234914 |  | 2.32% |
| Skin\_Corrosion\_Binary\_target | Chronic\_Aquatic\_Binary | 0.004587083147 |  | 0.46% |
| Skin\_Corrosion\_Binary\_target | Eye\_Irritation\_Binary | 0.3024812115 |  | 30.25% |
| Skin\_Corrosion\_Binary\_target | Mutagenic\_Binary | 0.005614926886 |  | 0.56% |
| Skin\_Corrosion\_Binary\_target | Skin\_Sensitisation\_Binary | 0.0119205169 |  | 1.19% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Acute\_Aquatic\_Binary | 0.0007160881136 |  | 0.07% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Acute\_Dermal\_Binary | 0.0002908817555 |  | 0.03% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Acute\_Inhalation\_Binary | 0.0005459020003 |  | 0.05% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Acute\_Oral\_Binary | 0.0002285332374 |  | 0.02% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Chronic\_Aquatic\_Binary | 0.002876426041 |  | 0.29% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Eye\_Irritation\_Binary | 0.0002909597498 |  | 0.03% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Mutagenic\_Binary | 0.002933586592 |  | 0.29% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Skin\_Corrosion\_Binary | 0.0008235373989 |  | 0.08% |
| Skin\_Sensitisation\_Binary\_negative\_analogue | Skin\_Sensitisation\_Binary | 0.02508108446 |  | 2.51% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Acute\_Aquatic\_Binary | 0.0002580971787 |  | 0.03% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Acute\_Dermal\_Binary | 0.0004619182609 |  | 0.05% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Acute\_Inhalation\_Binary | 0.0006503112924 |  | 0.07% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Acute\_Oral\_Binary | 0.0004386831109 |  | 0.04% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Chronic\_Aquatic\_Binary | 0.001696407408 |  | 0.17% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Eye\_Irritation\_Binary | 0.0008885174461 |  | 0.09% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Mutagenic\_Binary | 0.003094024294 |  | 0.31% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Skin\_Corrosion\_Binary | 0.000615275492 |  | 0.06% |
| Skin\_Sensitisation\_Binary\_positive\_analogue | Skin\_Sensitisation\_Binary | 0.02344376723 |  | 2.34% |
| Skin\_Sensitisation\_Binary\_target | Acute\_Aquatic\_Binary | 0.009044460359 |  | 0.90% |
| Skin\_Sensitisation\_Binary\_target | Acute\_Dermal\_Binary | 0.01844910516 |  | 1.84% |
| Skin\_Sensitisation\_Binary\_target | Acute\_Inhalation\_Binary | 0.01509722179 |  | 1.51% |
| Skin\_Sensitisation\_Binary\_target | Acute\_Oral\_Binary | 0.007630069943 |  | 0.76% |
| Skin\_Sensitisation\_Binary\_target | Chronic\_Aquatic\_Binary | 0.001398777521 |  | 0.14% |
| Skin\_Sensitisation\_Binary\_target | Eye\_Irritation\_Binary | 0.007112489244 |  | 0.71% |
| Skin\_Sensitisation\_Binary\_target | Mutagenic\_Binary | 0.01903138748 |  | 1.90% |
| Skin\_Sensitisation\_Binary\_target | Skin\_Corrosion\_Binary | 0.01647646667 |  | 1.65% |
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**Supplementary table 2 - Trained Models**

The below XML is an excerpt from the code configuration files and describes which labels were trained by marking them with learn=’true’

hazard>H200</hazard>

<hazard>H201</hazard>

<hazard>H202</hazard>

<hazard>H203</hazard>

<hazard>H220</hazard>

<hazard>H221</hazard>

<hazard>H223</hazard>

<hazard>H224</hazard>

<hazard learn="true">H225</hazard>

<hazard learn="true">H226</hazard>

<hazard>H227</hazard>

<hazard learn="true">H228</hazard>

<hazard>H240</hazard>

<hazard>H242</hazard>

<hazard learn="true">H250</hazard>

<hazard>H251</hazard>

<hazard>H252</hazard>

<hazard>H260</hazard>

<hazard>H261</hazard>

<hazard>H270</hazard>

<hazard>H271</hazard>

<hazard learn="true">H272</hazard>

<hazard>H280</hazard>

<hazard learn="true">H290</hazard>

<hazard learn="true">H300</hazard>

<hazard learn="true">H301</hazard>

<hazard learn="true">H302</hazard>

<hazard>H303</hazard>

<hazard learn="true">H304</hazard>

<hazard>H305</hazard>

<hazard learn="true">H310</hazard>

<hazard learn="true">H311</hazard>

<hazard learn="true">H312</hazard>

<hazard learn="true">H314</hazard>

<hazard learn="true">H315</hazard>

<hazard>H316</hazard>

<hazard learn="true">H317</hazard>

<hazard learn="true">H318</hazard>

<hazard learn="true">H319</hazard>

<hazard>H320</hazard>

<hazard learn="true">H330</hazard>

<hazard learn="true">H331</hazard>

<hazard learn="true">H332</hazard>

<hazard learn="true">H334</hazard>

<hazard learn="true">H335</hazard>

<hazard learn="true">H336</hazard>

<hazard>H340</hazard>

<hazard learn="true">H341</hazard>

<hazard learn="true">H350</hazard>

<hazard learn="true">H351</hazard>

<hazard learn="true">H360</hazard>

<hazard learn="true">H361</hazard>

<hazard learn="true">H362</hazard>

<hazard>H370</hazard>

<hazard>H371</hazard>

<hazard learn="true">H372</hazard>

<hazard learn="true">H373</hazard>

<hazard learn="true">H400</hazard>

<hazard>H401</hazard>

<hazard>H402</hazard>

<hazard learn="true">H410</hazard>

<hazard learn="true">H411</hazard>

<hazard learn="true">H412</hazard>

<hazard learn="true">H413</hazard>

<hazard learn="true">Acute\_Oral\_Binary</hazard>

<hazard learn="true">Acute\_Dermal\_Binary</hazard>

<hazard learn="true">Acute\_Inhalation\_Binary</hazard>

<hazard learn="true">Acute\_Aquatic\_Binary</hazard>

<hazard learn="true">Chronic\_Aquatic\_Binary</hazard>

<hazard learn="true">Skin\_Sensitisation\_Binary</hazard>

<hazard learn="true">Skin\_Corrosion\_Binary</hazard>

<hazard learn="true">Eye\_Irritation\_Binary</hazard>

<hazard learn="true">Mutagenic\_Binary</hazard>

<hazard learn="true">NTPAcuteOralChallenge\_nontoxic</hazard>